

FileNet Document Warehouse for SAP

Installation and Configuration Manual-Client

Release 5.1

March 2003

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FileNet Corporation 3565 Harbor Boulevard Costa Mesa, California 92626 800.FILENET (345.3638) Outside the U.S., call: 1.7 1 4 .3 2 7 .3 4 0 0 www.FileNet.com

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About this Manual

The FileNet Document Warehouse for SAP (DWSAP) Installation and Configuration Manual - Client, dated February 2003, supports the 5.1 release of the DWSAP software. It covers the IDM Desktop for R/3 as well as the possibility to use a web-based client.

Skill Level Requirements

The installer will need an in-depth understanding of FileNet and SAP systems, as well as a working knowledge of Windows 2000 and the corresponding hardware platforms. Specifically, the installer will need to understand the following:

- FileNet system operations.
- SAP R/3 System.
- PC operations.
- Windows 2000 procedures.

Related Publications

The DWSAP software integrates the standard FileNet system with SAP R/3 system through the SAP ArchiveLink interface.

The following FileNet manuals and SAP documentation will prove useful in the software installation, operation, and administration of DWSAP:

- System Administrator's Handbook for Image Services.
- System Administrator's Companion for your platform.
- Software installation procedure for your platform.
- Web Services online documentation.
- Online documentation for R/3 System, in particular SAP ArchiveLink documentation.

It is recommended that the SAP R/3 documentation for the SAP ArchiveLink interface be obtained and studied.

Tips, Notes, Cautions, and Background Information

Throughout this manual, there are assorted brief messages designed to draw your attention to different kinds of information:

Tip: Indicates hints to improve efficiency of performing a task.

Note: Provides important information, such as situations that can affect the outcome of an operation or affect some other part of the system.

CAUTION: Signals, where possible loss of data or time may occur.

Background: Explains the concepts behind specific features and provides helpful information for understanding the design of SAP ArchiveLink and Document Warehouse for SAP.

Bold Type Indicates menu names, menu items, component names

<u>Blue text</u> Indicates a link to another topic, a link to another section in the same topic, or a link to an external topic.

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1 Document Warehouse for SAP

What's new in this Release?

DWSAP release 5.1 is an enhanced version of DWSAP release 5.0.1. The scope of this release is limited to certain functional enhancements. This release has been qualified to run with Web Services 3.2, Desktop 3.2 and Capture 4.0.

DWSAP release 5.1 supports all the features of DWSAP release 5.0.

Here is a brief overview of the major new functionalities that have been introduced, or enhanced in DWSAP release 5.1:

- Multiple, simultaneous RFC requests.
- On-line administration.
- Windows event logging.
- SAP namespace.
- Enhanced SAP Document Management System (DMS) support.
- Pure thin document viewing.
- Capture CIM support for Capture 4.0.
- DMS viewing and linking ASP sample application.

Multiple, simultaneous RFC requests

SAP with release 4.6c has changed the processing of data archiving requests. SAP processes the data archiving requests synchronously. This means that the requests are processed sequentially only. This may result in time out for the other requests present in the queue.

In this release, DWSAP registers multiple instances of RFC server at the SAP gateway. This enables DWSAP to process multiple RFC requests simultaneously.

The administrator can configure the number of RFC threads that are required for a particular SAP system using the configuration tool.

On-Line Administration

DWSAP Server components detect and use changes in configuration, without restarting the corresponding services, for example, FileNet RFC Service, WWW Service, and FileNet Barcode Service. Requests that are received by the Server components before the configuration changes are saved are processed with the old configuration. The requests received after re-initialization of the server components are processed with the new configuration.

Online Administration feature can be enabled/disabled through a check box in the configuration tool.

Note: This feature has been enabled only for IDM Services for R/3; it is not available for IDM Desktop for R/3.

Windows event logging

DWSAP supports logging of messages related to its operations in the Windows Application Event log. The log levels supported for logging in the Event log are:

- Log all information.
- Log errors and warning only.
- Log errors only.

Logging in the Windows event log is supported for the following DWSAP components:

- IDM Services for R/3.
- IDM Desktop for R/3.
- Thin-Client.

The log levels for the event logging are maintained separately from log levels for logging to a file.

Windows event logging feature can be enabled/disabled through a check box in the configuration tool.

SAP NameSpace

DWSAP differentiates among requests from different copies of the R/3 instances running on different servers but sharing the same authenticity id and archive id.

To identify different R/3 instances in the configuration program define the SAP system in the configuration, as

<SAP System Name> - <SAP Server Name (host name)>

For example, if FN1 is the SAP system, fnetsap, and fnsap are the servers that have this R/3 instance. The entries in the configuration tool in this case are FN1-fnetsap and FN1-fnsap.

Enhanced SAP Document Management Support

While creating a new Document Information Record (DIR) in DWSAP release 5.1, DWSAP end users can use the default value for DIR Description and Initial Status as defined in the configuration or are prompted to change the default values at run-time.

This feature can be enabled/disabled through a check box in the configuration tool.

Pure Thin Document Viewing

DWSAP supports pure thin viewing of documents. In a pure thin client scenario, only SAPGUI is installed on the client machine. There is no IDM component or DWSAP client component installed on the client machine. In the pure thin client scenario, communication occurs directly between SAPGUI and DWSAP server components installed on the Web server.

The end user can view the documents with either a Java based viewer, or IDM Viewer.

Pure thin client viewing of documents is not supported for documents that use Remote Function Call (RFC) protocol.

This feature can be enabled/disabled through a check box in the configuration tool.

FileNet Capture for R/3 Upgrade

DWSAP component FileNet Capture for R/3 is qualified to run with Capture version 4.0.

DMS Viewing and Linking ASP Sample Application

DWSAP has a new sample Document Management System (DMS) application, which demonstrates the instantiation of DMS objects in a web-based environment. To access DMS sample application, additional installation is required on the server. This is provided as Server Add-on for the Server Components.

2 Concepts

This chapter provides an overview of DWSAP and its interaction with SAP ArchiveLink.

Overview

DWSAP is an application that has resulted from the integration of FileNet's Image Services (IS) and Content Services (CS) with the SAP system using the SAP ArchiveLink interface. DWSAP enables the business applications of SAP to process FileNet document images and archiving of document and data archiving. DWSAP consists of two parts:

- **IDM Services for R/3**: Represents the product components that integrate SAP R/3 servers with IS and CS, by implementing the SAP ArchiveLink server-side interface. All components of IDM Services for R/3 run on server machines.
- **IDM Desktop for R/3**: Represents the product components that implement SAP ArchiveLink client-side interface on either the client desktop, or a Web server.

SAP ArchiveLink and DWSAP

SAP ArchiveLink connects document management & imaging systems such as, FileNet IS and CS to SAP R/3 systems. SAP ArchiveLink is an intermediate layer between SAP business application, and FileNet IS and CS.

SAP ArchiveLink provides a library of functions to all SAP application modules that manage documents stored on FileNet system. SAP ArchiveLink and the FileNet IS and CS communicate using a standard set of messages. These messages are independent of SAP business applications.

The SAP ArchiveLink interface requires the archive vendor to provide a server component that fulfils archiving-related requests, such as archive a document asynchronously, restore a document synchronously, and search for a pattern in a print list.

SAP supports two protocols, RFC and HTTP. The versions 3.0 and 3.1 of SAP ArchiveLink use the RFC protocol. The RFC protocol is proprietary to SAP. The version 4.5 of SAP ArchiveLink interface uses HTTP protocol.

In conjunction with the FileNet system, SAP ArchiveLink:

- Processes incoming documents before, during, and after archiving.
- Links incoming documents to transactions in an SAP system.
- Links incoming documents to work items that are routed and processed, using SAP business workflow.
- Archives SAP-generated outgoing documents and printlists to FileNet libraries.
- Retrieves documents linked to a transaction in an SAP application from FileNet libraries, and displays the documents.
- Automatically stores data archiving files on optical media, and transparently accesses the files as needed.

The following table contains examples of the types of documents that are SAP ArchiveLink enabled. Check the SAP R/3 online documentation for a complete list for each SAP R/3 release:

SAP Module	Original Documents	SAP-Generated Documents
Document Management	Any document	Any document
System (DMS)		
Financial Accounting (FI)	Credit Memo	Line Item Journal
	Invoice	Full Audit Trail
	Payment	Classic Audit Trail
		Document Journal
Human Resources (HR)	Applications	No documents are
	Contracts and related correspondence	generated
	Photo of Employee	
	Regulatory documents	
	Certificates.	
Materials Management	Credit Memo	LIFO valuation report
(MM)	Invoice	Outline Agreement
		Purchase Order
		Schedule Line
		Master Material

SAP Module	Original Documents	SAP-Generated Documents
Sales & Distribution (SD)	Complaint	Complaint
	Contract	Contract
	Delivery Note	Credit Memo
	Delivery Schedule	Delivery Note
	Order	Delivery Schedule
	Schedule Agreement	Order Confirmation
	Inquiry	Quotation
		Schedule Agreement
		Inquiry
		Invoice
Workflow (WF)	Any document	Any document

New Component Names

To reflect the usage of DWSAP product, the component names have been changed. The following table lists the old and new names of the components, for the respective releases:

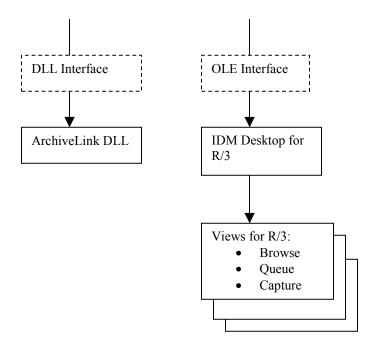
Old Name (Release 2.x)	Old Name (Release 4.0)	Release 5.x
Document Warehouse for SAP	Document Warehouse for SAP	Document Warehouse for SAP
ServerLink	IDM Services for R/3	IDM Services for R/3
SrvLink, SrvQLink	SrvLink, SrvQLink	cServer
LinkSAP	LinkSAP	cBarcode
SAPSearch, Search	SAPSearch, Search	SAPSearch
ClientLink, CliLink	IDM Desktop for R/3	IDM Desktop for R/3
Not Available	CIM, Custom CIM	View
Not Available	Browse CIM	FileNet Browse for R/3
Not Available	Queue CIM	FileNet Queue for R/3
Not Available	Capture CIM	FileNet Capture for R/3

System Architecture of IDM Desktop for R/3

The interfaces that IDM Desktop for R/3 supports to SAPGUI and Archive Link software of SAP are:

- DLL-Interface: This interface is used by ArchiveLink Viewer to access the documents, which is implemented in ArchiveLink DLL.
- OLE-Interface: This interface is used by SAPGUI to display documents in the IDM Viewer and linking them with the SAP transactions. It is implemented by IDM Desktop for R/3. To obtain a document for linking, the interface uses Views.

The figure below shows the different components of IDM Desktop for R/3:



Linking a Document

Linking a document means, that SAPGUI calls IDM Desktop for R/3, and requests a document id. This document id is the link between an SAP object, and a document in FileNet Image Services (IS) or Content Services (CS). The document id is used to display the document later. Prior to linking a document to an SAP transaction, the user opens IDM Desktop for R/3, selects the document to be assigned, and displays it in FileNet IDM Viewer, switches to SAPGUI, to complete the linking process.

There are several ways to select a document for assignment. Each way is implemented as a View. The standard Views shipped with IDM Desktop for R/3 are:

- FileNet Browse for R/3: Allows the user to browse through the folder hierarchy of IS or CS, with a Microsoft Explorer-style interface.
- FileNet Queue for R/3: Allows the user to access the contents of a FileNet queue, which holds documents that are ready for processing in an SAP system.

These Views provide flexible ways of finding or creating documents for linking.

DWSAP enables the user to write a custom View, which IDM Desktop for R/3 can use along with the standard Views. The Programmer's Handbook discusses the concepts involved in writing an own View and lists the interfaces, methods, and parameters the custom View supports.

Linking SAP Master Objects

The Document Management System (DMS) interface provided by an SAP system connects external documents, folders, and objects from FileNet repositories, with master data within an SAP system. Master data refers to a material master, an equipment master, or a customer master. Different dynamic link libraries delivered with DWSAP release 5.1 provide this functionality. The sample applications of DWSAP release 5.1 to illustrate the use of DMS objects are:

- Thick Client: IDM Desktop for R/3 is delivered with an out-of-the-box application to link FileNet objects with SAP material master records. This functionality is available through DMS menu integrated with the view FileNet browse for R/3.
- Thin Client: DMS sample Web application is delivered with DWSAP release 5.1 server components. It enables to link FileNet objects with SAP material master. The DMS components are packaged as a part of server Add-on. The sample application can be accessed through a URL.

3 Installation of IDM Desktop for R/3

IDM Desktop for R/3 components complements the SAP ArchiveLink module in integrating FileNet and SAP R/3 system, on a client workstation. IDM Desktop for R/3 components provide an interface, through which ArchiveLink accesses the FileNet services and, if needed, other viewer such as IDM Viewer application.

With DWSAP release 5.x, it is possible to work with three client scenarios:

- Thick client: In this scenario, SAP R/3 system's Graphical User Interface (SAPGUI) and IDM Desktop for R/3 is installed on the client machine. Communication between SAPGUI and IDM Desktop for R/3 occurs through Object Linking and Embedding (OLE) interface.
- Thin client: In this scenario, SAPGUI is installed on the client machine. DWSAP thin client component has to be down loaded. IDM Desktop is not installed on the client machine. This scenario supports only display of documents in a browser. Communication between SAPGUI and DWSAP client components occurs through OLE interface.
- Pure thin client: In this scenario, only SAPGUI is installed on the client machine. No IDM component, or DWSAP client component is required on the client machine. Communication between SAPGUI and DWSAP server components installed on the Web server occurs directly through HTTP.

The subsequent sections explain how to install and configure thick client IDM Desktop for R/3, and thin client environments.

Prerequisites to Install IDM Desktop for R/3

Hardware

The minimum hardware requirements are:

- P III processor
- 256 MB RAM.
- 34 MB hard disk space for installation.

Software

The software requirements are:

- Windows 2000 with Service Pack 2 or 3/ Windows XP.
- TCP/IP networking protocol.
- IDM Desktop 3.2.
- SAPGUI 4.x.
- Capture 4.0 in case FileNet Capture is used.

The DWSAP has been qualified to run with:

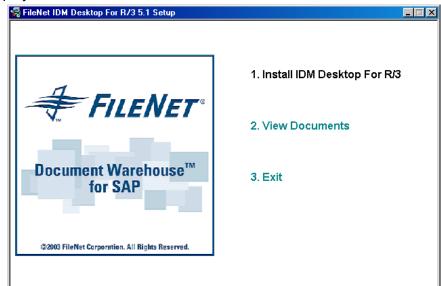
- Image Services 3.6.0.
- Content Services 5.2.

Tip: To access FileNet Services, IDM Desktop should be installed prior to installing IDM Desktop for R/3. If IDM Desktop is not installed, the installation program for IDM Desktop for R/3 will abort, with an appropriate message.

Installation process

The installation program for IDM Services for R/3 is a GUI-based application. This application copies the program files to the target machine, registers the programs, and creates appropriate entries in the Start menu of Windows.

1. Click the **setup.exe** to begin installation. Following screen is displayed:



- 2. The following options are provided:
 - a Install IDM Desktop for R/3.

- b View Documents: Facilitates the end user to view all DWSAP documents.
- c Exit: Enables the end user to exit from the setup program.

Install IDM Desktop for R/3

To install IDM Desktop for R/3:

1. Click the **Install IDM Desktop for R/3** option in the splash screen. The following screen is displayed:

🖟 FileNet IDM Desktop For R	3 5.1 - InstallShield Wizard	x
	Welcome to the InstallShield Wizard for FileNet IDM Desktop For R3 5.1	
	The InstallShield(R) Wizard will install FileNet IDM Desktop For R3 5.1 on your computer. To continue, click Next.	
	WARNING: This program is protected by copyright law and international treaties.	
	Cancel	

2. To continue, click **Next**. The following screen is displayed:

	InstallShield Wizar	d	×
License Agreement			
Please read the following license agree	ment carefully.		
FileNet End User So	oftware License /	Agreement	
READ THIS NOTICE CAREFULLY, INTELLECTUAL PROPERTY OF F TO THE MINIMUM TERMS AND CONDITIONS AND CONDITIONS MAY E CONDITIONS OF THE SOFTWARE EMPLOYER FOR THE USE OF FI SOFTWARE, YOU ACKNOWLED	ILENET CORPOR ONDITIONS SET F E SUPERCEDED E LICENSE ENTEI LENET SOFTWAF GE IT IS FILENET	ATION AND IS FORTH BELO' BY THE TER RED INTO BY RE. BY USI PROPRIETAR	S SUBJECT W. THESE MS AND YOUR NG THE RY
• I accept the terms in the license agreer	nent		
\bigcirc I do not accept the terms in the license	agreement		
InstallShield			
	< <u>B</u> ack	<u>N</u> ext >	Cancel
 Accept the agreement and screen is displayed: FileNet IDM Desktop For R3 5.1 - Customer Information 			×
Please enter your information.			
Please enter your information.			
Please enter your information.			
Please enter your information. User Name: FileNet Organization:			
Please enter your information. User Name: FileNet			
Please enter your information. User Name: FileNet Organization:			
Please enter your information. User Name: FileNet Organization: FileNet Corporation LTD. Install this application for: Anyone who uses th		Next >	Cancel

4. Verify that the entries in the Customer Information screen are correct. Click **Next** to continue. The following screen is displayed:

🞼 FileNet IDM De	sktop For R3 5.1 - In	stallShield Wiza	rd	×
Setup Type Choose the set	up type that best suits y	vour needs.		
Please select a	setup type.			
• <u>Complete</u>	All program features wi space.)	ll be installed. (Rec	quires the most disk	
C Cu <u>s</u> tom	Choose which program will be installed. Recom			e they
InstallShield		< <u>B</u> ack	Next >	Cancel

 Select Complete option to install all IDM Desktop for R/3 components; else choose Custom option to install specific IDM Desktop for R/3 components. Click Next to continue. The following figure is displayed:

🎼 FileNet II	DM Desktop For R3 5.1 - In	stallShield Wiz	ard	×
Destinatior Click Nex	n Folder <t clic<="" folder,="" install="" or="" td="" this="" to=""><td>k Change to insta</td><td>all to a different folder</td><td></td></t>	k Change to insta	all to a different folder	
	Install FileNet IDM Desktop F E:\Program Files\Filenet\Idmf			<u>C</u> hange
Install5hield -		< <u>B</u> ack	Next >	Cancel

6. Change the installation folder if required. Click **Next** to continue. Following screen is displayed:

🞼 FileNet IDM Desktor) For R3 5.1 - In:	stallShield Wiz	ard	×
Ready to Install the The wizard is ready to	-			
Click Install to begin t	he installation.			
If you want to review exit the wizard.	or change any of	your installation	settings, click Back.	Click Cancel to
InstallShield				
Lines (model)		< <u>B</u> ack	Install	Cancel

Tip: Until this point each screen allows the end user to cancel the installation, which would leave the system as it was before the installation program had been invoked.

7. Click Install to continue. The following screen is displayed:

记 FileNet II	DM Desktop For R3 5.1 - InstallShield Wizard	<u> </u>
	g FileNet IDM Desktop For R3 5.1 gram features you selected are being installed.	
P	Please wait while the InstallShield Wizard installs FileNet IDM Desktop For R3 5.1. This may take several minutes.	
	Status:	
InstallShield -		
	Can	

8. After the installation is completed, following screen is displayed:

🙀 FileNet IDM Desktop For R	3 5.1 - InstallShield Wizard	×
N	InstallShield Wizard Completed	
	The InstallShield Wizard has successfully installed FileNet IDM Desktop For R3 5.1. Click Finish to exit the wizard.	
Show the Readme file 🔽 In	stall Acrobat Reader 5.0 <u>F</u> inish	

9. Click Finish to continue. The following screen is displayed:

🎼 FileNet	IDM Desktop For R3 5.1 In	staller Information	×
1	You must restart your system changes made to FileNet IDM take effect. Click Yes to resta to restart later.	Desktop For R3 5.1 to	
	Yes	No	

10. To complete the installation, click on **Yes** to restart the server.

Note: After installation is successfully completed, the configuration tool should be used to create the necessary settings for IDM Desktop for R/3 components.

Silent Installation

A silent installation requires no user input; all dialogs and messages are suppressed. Silent install is supported for new installations only and it is invoked through the command line options of the windows installer executable Msiexec.exe, which is an executable program that interprets packages and installs products. Therefore, Microsoft Windows Installer should be installed on the client machine. To perform a silent Installation give the following command at the command line:

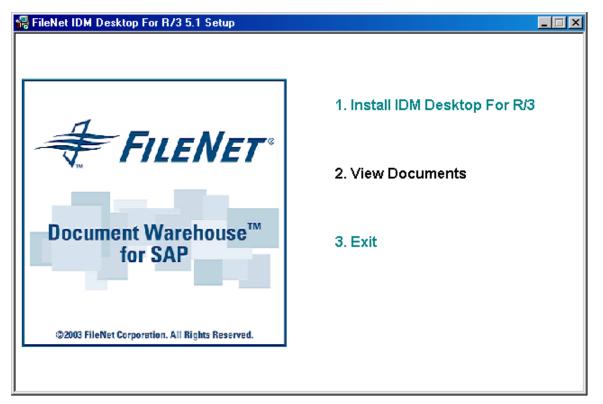
Msiexec.exe /I < complete path and name of the msi package> /qn INSTALLDIR=<path where the product should be installed> INSTALLLEVEL= < installation level of the product features> /L* <path of the installation log file>

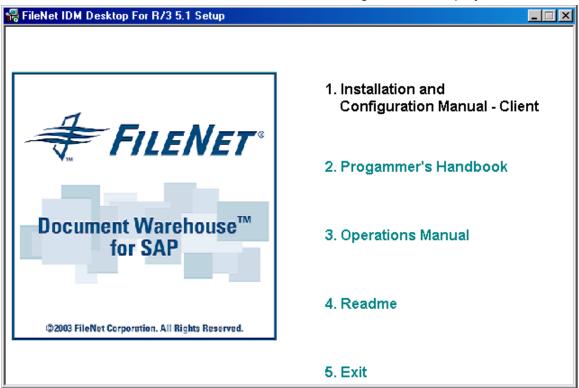
INSTALLDIR and INSTALLLEVEL are the two properties of the package that can be set from the command line INSTALLDIR specifies the path where the product should be installed. INSTALLLEVEL specifies that features having an INSTALLLEVEL greater than what is specified at the command line will not be installed. In order to install the IDM For R/3 Capture the INSTALLLEVEL should be specified at the command line and it should be greater than 105 otherwise the capture CIM will not be installed.

Include any white spaces and special characters in any of the strings between quotation marks ("").

CAUTION: When installing the product through the command line, some of the options like show readme and Install Acrobat Reader are not available. Once the installation is complete, the client machine reboots automatically closing any open applications. The rescheduling of reboot of machine is not possible.

View Documents





1. Click **View Documents**. The following screen is displayed:

2. Click on appropriate option to view documents.

Note: To view all DWSAP documents **Acrobat Reader** must be installed on the system.

3. Click **Exit** to go back to the previous screen.

Modification of IDM Desktop for R/3

1. Choose the **Add/Remove Software** (Add/remove programs in Windows 2000) program of the Windows control panel. The following screen is displayed:

🖼 Add/Remov	e Programs		- 🗆 🗵
12	Currently installed programs:	Sort by: Name	• •
Change or	🔀 Adobe Acrobat 4.0	Size	6.82MB 🔺
Remove Programs	🔀 Adobe Acrobat Reader 3.01	Size	5.55MB
	Mobe FrameMaker v6.0	Size	54.6MB
2	📿 Adobe Type Manager 4.1	Size	0.98MB
Add New	🛃 Chili!Soft ASP	Size	14.6MB
Programs	🛃 Compuware QARun	Size	16.9MB
**	Call Eloquent Presenter! v3.2.1	Size	5.35MB
	m Eloquent Presenter! v4.0.2d	Size	7.80MB
Add/Remove Windows	FileNet IDM Desktop For R3 5.1	Size	<u>25.3MB</u>
Components	Click here for support information.	Used	frequently
	To change this program or remove it from your computer, click Change or Remove.	⊆hange	<u>R</u> emove
	🛃 FileNET Open Client		
	🕡 FileNET Panagon Capture 4.0		
	🚞 FileNET Panagon IDM Desktop 3.2	Size	217MB
	<u> </u>		····· 🗹
		ļ	Cl <u>o</u> se

2. Select FileNet IDM Desktop for R/3. Click **Change**. The following screen is displayed:

🙀 FileNet IDM Desktop For R3 5.1 - InstallShield Wizard 🛛 🗙			
	Welcome to the InstallShield Wizard for FileNet IDM Desktop For R3 5.1		
FileNet IDM Desktop For R3 5.1 The InstallShield(R) Wizard will allow you to modify, repair, o remove FileNet IDM Desktop For R3 5.1. To continue, click Next.			
	Next > Cancel		

3. Click Next to continue. The following screen is displayed:

👹 FileNet IDM D	Desktop For R3 5.1 - InstallShield Wizard	×
Program Maint Modify, repair,	tenance , or remove the program.	
• Modify	Change which program features are installed. This option displays the Custom Selection dialog in which you can change the way features are installed.	
C Regair	Repair installation errors in the program. This option fixes missing or corrupt files, shortcuts, and registry entries.	
C <u>R</u> emove	Remove FileNet IDM Desktop For R3 5.1 from your computer.	
InstallShield	< <u>B</u> ack <u>N</u> ext > Cancel	

4. Select **Modify** option and click **Next** to continue. The following screen is displayed:

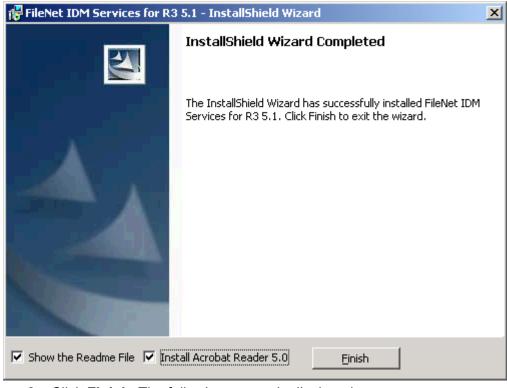
🖶 FileNet IDM Desktop For R3 5.1 - InstallShield Wizard 🛛 🛛 🗙				
Custom Setup Select the program features you want ins	talled.			
Click on an icon in the list below to change h	13	Feature Descrip Views This feature req your hard drive, subfeatures sele	uires OKB on It has 0 of 3	
InstaliShield	< <u>B</u> ack	<u>N</u> ext >	Cancel	

5. Select the features and click **Next** to continue. The following screen is displayed:

🙀 FileNet IDM Desktop For R3 5.1 - I	nstallShield Wizard	×
Ready to Modify the Program The wizard is ready to begin installation.		
Click Install to begin the installation.		
If you want to review or change any of exit the wizard.	your installation settings, click E	ack. Click Cancel to
InstallShield	< <u>B</u> ack Install	Cancel

6. Click Install to continue. The following screen is displayed:

🙀 FileNet II	DM Desktop For R3 5.1 - InstallShield Wizard	_ 🗆 🗵
	FileNet IDM Desktop For R3 5.1 ram features you selected are being installed.	
1	Please wait while the InstallShield Wizard installs FileNet IDM Desktop For R3 5.1. This may take several minutes.	
	Status:	
InstallShield —	Can	icel
7. Afte	r the installation is complete, the following screen is displa	yed:



8. Click Finish. The following screen is displayed:

1	😽 FileNet	IDM Services for R3 5.1 In	staller Information	×
	₹	You must restart your system changes made to FileNet IDM take effect. Click Yes to resta to restart later.	Services for R3 5.1 to	
		Yes	No	

9. To complete the installation, click **Yes** to restart the machine.

Re-installation of IDM Desktop for R/3

 Choose the Add/Remove Software (Add/remove programs in Windows 2000) program of the Windows control panel. The following screen is displayed:

🙀 Add/Remov	e Programs		<u>- 0 ×</u>
12	Currently installed programs:	Sort by: Name	-
Change or	🔀 Adobe Acrobat 4.0	Size	6.82MB 🔺
Remove Programs	🔀 Adobe Acrobat Reader 3.01	Size	5.55MB
	Adobe FrameMaker v6.0	Size	54.6MB
2	📿 Adobe Type Manager 4.1	Size	0.98MB
Add New	🛃 Chili!Soft ASP	Size	14.6MB
Programs	🛃 Compuware QARun	Size	16.9MB
201 P	C Eloquent Presenter! v3.2.1	Size	5.35MB
377 C	m Eloquent Presenter! v4.0.2d	Size	7.80MB
Add/Remove Windows	FileNet IDM Desktop For R3 5.1	Size	<u>25.3MB</u>
Components	Click here for support information.	Used	frequently
	To change this program or remove it from your computer, click Change or Remove.	⊆hange	<u>R</u> emove
	🛃 FileNET Open Client		
	🕡 FileNET Panagon Capture 4.0		
	🚞 FileNET Panagon IDM Desktop 3.2	Size	217MB
		ļ	Cl <u>o</u> se

2. Select FileNet IDM Desktop for R/3. Click **Change**. The following screen is displayed:



3. Click Next to continue. The following screen is displayed:

👹 FileNet IDM D	esktop For R3 5.1 - InstallShield Wizard	ĸ
Program Maint Modify, repair,	or remove the program.	
○ <u>M</u> odify		
B	Change which program features are installed. This option displays the Custom Selection dialog in which you can change the way features are installed.	
• Repair		
ø	Repair installation errors in the program. This option fixes missing or corrupt files, shortcuts, and registry entries.	
C <u>R</u> emove		
8	Remove FileNet IDM Desktop For R3 5.1 from your computer.	
InstallShield —		_
	< <u>B</u> ack <u>N</u> ext > Cancel	

4. Select **Repair** option and click **Next** to continue. The following screen is displayed:

🙀 FileNet IDM Desktop For R3 5.1 - InstallShield Wizard	×
Ready to Repair the Program The wizard is ready to begin installation.	
Click Install to begin the installation.	
If you want to review or change any of your installation settings, click Bac exit the wizard.	k. Click Cancel to
InstallShield	
< <u>B</u> ack Install	Cancel

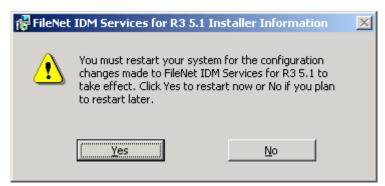
5. Click Install to continue. The following screen is displayed:

👹 FileNet I	DM Desktop For R3 5.1 - InstallShield Wizard	_ 🗆 ×
	FileNet IDM Desktop For R3 5.1 gram features you selected are being installed.	
P	Please wait while the InstallShield Wizard installs FileNet IDM Desktop For R3 5.1. This may take several minutes.	
	Status:	
InstallShield –		
		ncel

6. After the installation is complete, the following screen is displayed:

🚏 FileNet IDM Services for R3 5.1 - InstallShield Wizard			
	InstallShield Wizard Completed		
The InstallShield Wizard has successfully installed FileNet IDM Services for R3 5.1. Click Finish to exit the wizard.			
Show the Readme File 🔽 Inst	all Acrobat Reader 5.0 Einish		

7. Click **Finish**. The following screen is displayed:



8. To complete the installation, click **Yes** to restart the machine.

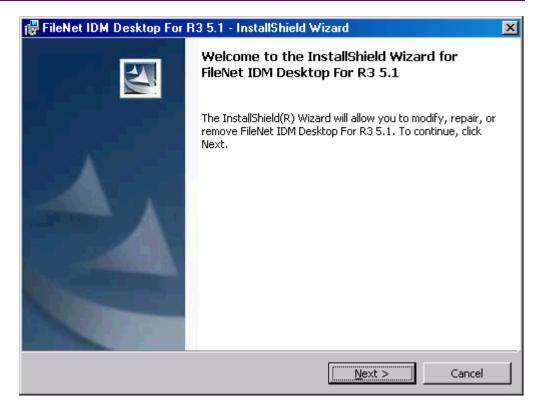
Removal of IDM Desktop for R/3

Choose the **Add/Remove Software** (Add/remove programs in Windows 2000) program of the Windows control panel. The following screen is displayed:

🙀 Add/Remov	e Programs		<u>- 0 ×</u>
1	Currently installed programs:	Sort by: Name	
Change or	🔀 Adobe Acrobat 4.0	Size	6.82MB 📥
Remove Programs	🔀 Adobe Acrobat Reader 3.01	Size	5.55MB
	Mobe FrameMaker v6.0	Size	54.6MB
2	📿 Adobe Type Manager 4.1	Size	0.98MB
Add New	🛃 Chili!Soft ASP	Size	14.6MB
Programs	🛃 Compuware QARun	Size	16.9MB
2018 N	Carl Eloquent Presenter! v3.2.1	Size	5.35MB
·~~~	m Eloquent Presenter! v4.0.2d	Size	7.80MB
Add/Remove Windows	FileNet IDM Desktop For R3 5.1	Size	<u>25.3MB</u>
Components	Click here for support information.	Used	frequently
	To change this program or remove it from your computer, click Change or Remove.	⊆hange	<u>R</u> emove
	🛃 FileNET Open Client		
	🙀 FileNET Panagon Capture 4.0		
	🚞 FileNET Panagon IDM Desktop 3.2	Size	217MB
	<u> </u>		
			Close
			CIOSE

Removal of IDM Desktop for R/3 using Change Button

1. Select FileNet IDM Desktop for R/3. Click **Change**. The following screen is displayed:



2. Click Next to continue. The following screen is displayed:

👹 FileNet IDM D	esktop For R3 5.1 - InstallShield Wizard	×	
Program Maint Modify, repair,	tenance or remove the program.	4	
O <u>M</u> odify	Change which program features are installed. This option displays the Custom Selection dialog in which you can change the way features are installed.		
C Repair	Repair installation errors in the program. This option fixes missing or corrupt files, shortcuts, and registry entries.		
• <u>R</u> emove	Remove FileNet IDM Desktop For R3 5.1 from your computer.		
InstallShield ———	< <u>B</u> ack <u>N</u> ext > Cancel		

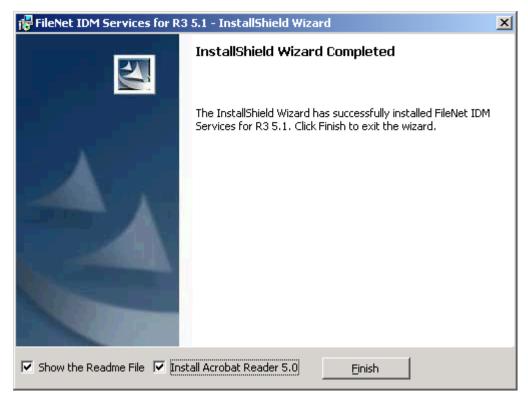
3. Select **Remove** option and click **Next** to continue. The following screen is displayed:

🙀 FileNet IDM Desktop For R3 5.1 -	InstallShield Wizard	×
Remove the Program You have chosen to remove the progra	m from your system.	
Click Remove to remove FileNet IDM De removal, this program will no longer be		er. After
If you want to review or change any se	ettings, click Back.	
InstallShield	< Back Remove	j Cancel

4. Click **Remove** to continue. The following screen is displayed:

🙀 FileNet II	DM Desktop For R3 5.1 - InstallShield Wizard	<u>- 🗆 ×</u>
	ng FileNet IDM Desktop For R3 5.1 ram features you selected are being uninstalled.	
1 1	Please wait while the InstallShield Wizard uninstalls FileNet IDM Desktop For R3 5.1. This may take several minutes.	
	Status:	
InstallShield —		
	Car	

5. After the installation is complete, the following screen is displayed:



6. Click Finish. The following screen is displayed:



7. To complete the installation, click **Yes** to restart the machine.

Removal of IDM Services for R/3 using Remove Button

1. Select FileNet IDM Desktop for R/3 from Add/Remove program. Click **Remove**. The following message is displayed:

Add/Rem	nove Programs 🛛 🔀
?	Are you sure you want to remove FileNet IDM Desktop For R3 5.1 from your computer?
	<u>Y</u> es <u>N</u> o

2. Click Yes to continue. The following screen is displayed:

Upgrading from IDM Desktop for R/3 Releases 2.2, 4.0 or 4.01, 5.0, 5.0.1



3. To complete the un-installation, click **Yes** to restart the machine.

Upgrading from IDM Desktop for R/3 Releases 2.2, 4.0 or 4.01, 5.0, 5.0.1

IDM Desktop for R/3 does not perform automated upgrades from previous releases. If any former releases of IDM Desktop for R/3 are installed on the client, remove these releases using the Add/Remove Software program of Windows Control Panel. Subsequently, follow the installation instructions of IDM Desktop for R/3 release 5.1. For more information on how to install IDM Desktop for R/3, refer to section Installation process.

Prerequisites for SAPGUI/IDMWS Environment

Hardware

The hardware requirements are:

- P III.processor.
- 256 MB RAM.
- 10 MB hard disk space for installation.

Software

The software requirements are:

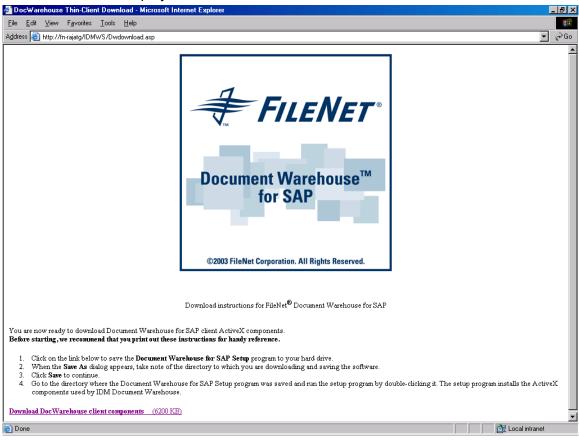
- Windows 2000 with Service Pack 2 or 3/ Windows XP.
- TCP/IP networking protocol.
- IDM Desktop 3.2.
- SAPGUI 4.x.
- Be logged on as a user with Windows 2000 Administrator rights on the machine.
- Check if an access to IDM Services libraries through the local browser is possible using the URL <servername>\idmws.

• Download and install the executable **viewer.exe** of IDM Web services, through the local browser.

Installation process

To use the client in a Web-based environment:

1. Open a local Internet browser and use the URL <servername>\idmws\dwdownload.asp. The following screen is displayed:



2. Click the link **Download DocWarehouse client components**. The following screen is displayed:

File Do	ownload X
?	You are downloading the file: DwSetup.exe from fn_testw2ks
	Would you like to open the file or save it to your computer? Open Save Cancel More Info Image: Always ask before opening this type of file

3. Click **Save** to save DWSAP client Activex components. The following screen is displayed:

Download	complete	_ 🗆 🗵
	Download Complete	
Saved:		
DwSetup.e	xe from fn_testw2ks	
Downloade	ed: 6.05 MB in 10 sec	
Download	to: C:\Documents and Setti\DwSetup.exe	
Transfer ra	te: 619 KB/Sec	
Close t	his dialog box when download completes	
-		
	<u>O</u> pen Open <u>F</u> older	Close

- 4. Click **Close** to close this dialog box.
- 5. To start the installation program, run **Dwsetup.exe** from the directory where the downloaded client components are stored. The following screen is displayed:

IDM Desktop for R3 Thin Client - InstallShield Wizard	×
Location to Save Files Where would you like to save your files?	44
Please enter the folder where you want these files saved. If the folder exist, it will be created for you. To continue, click Next.	r does not
Save files in folder:	
C:\DOCUME~1\ADMINI~1\LOCALS~1\Temp\IDM Desktop for R3 Thin	Client
	⊆hange
InstallShield	Cancel

6. Click **Next** button. The following screen is displayed:

🔄 IDM Desktop for R3 Thin Client - Install	Shield Wizard	x
Extracting Files The contents of this package are being ex	ktracted.	44
Please wait while the InstallShield Wizard e Desktop for R3 Thin Client on your comput		
Extracting Data1.cab		
InstaliShield		
	< <u>B</u> ack <u>N</u> e	xt > Cancel

7. After the extraction of components is complete, the following screen is displayed:

🙀 FileNet IDM Desktop for R	🙀 FileNet IDM Desktop for R3 Thin Client 5.1 - InstallShield Wizard 🛛 🛛 🔀				
	Welcome to the InstallShield Wizard for FileNet IDM Desktop for R3 Thin Client 5.1				
	The InstallShield(R) Wizard will install FileNet IDM Desktop for R3 Thin Client 5.1 on your computer. To continue, click Next.				
	WARNING: This program is protected by copyright law and international treaties.				
	Next > Cancel				

8. To continue, click **Next**. The following screen is displayed:

🙀 FileNet IDM Desktop for R3 Thin C	Client 5.1 - Inst	tallShield Wiz	ard	×
License Agreement				1,01
Please read the following license agree	ment carefully.			4
				_
FileNet End	User Software L	icense		
			ати тигог	
READ CAREFULLY BEFORE INSTALLING. IF YOU DO NOT AGREE WITH THESE TERMS AND CONDITIONS, OR THE TERMS AND CONDITIONS IN YOUR SOFTWARE LICENSE AGREMENT WITH FileNet, DO NOT INSTALL THE SOFTWARE. BY INSTALLING THE SOFTWARE, YOU AGREE TO BE BOUND BY THE TERMS OF THIS				
LICENSE.				
				•
• I accept the terms in the license agreen	nent			
\bigcirc I do not accept the terms in the license	agreement			
InstallShield				
	< <u>B</u> ack	<u>N</u> ext >	Cancel	
9. Accept the License agree	ment and	click Next	to continue	The
following screen is displayed				
🙀 FileNet IDM Desktop for R3 Thin C	Client 5.1 - Inst	tallShield Wiz	ard	×
Customer Information				1.01
Please enter your information.				
User Name:				
FileNet		_		
Organization: FileNet Corporation Ltd.				
Install this application for:				
Anyone who uses this computer (all users)				
Only for me (FileNet)	ompacor (an asor			
,				
InstallShield				
	< <u>B</u> ack	<u>N</u> ext >	Cancel	1

10. Verify that the entries in Customer information screen are correct. To continue, click **Next**. The following screen is displayed:

Installation process

🙀 FileNet IDM Desktop fo	r R3 Thin Clie	nt 5.1 - Ins	tallShie	ld Wizard			×
Destination Folder Click Next to install to this	folder, or click C	hange to inst	all to a d	ifferent fol	der.		
Install FileNet ID C:\Program Files	•		5.1 to:		<u>C</u> h	ange	
InstallShield					_		
	_	< <u>B</u> ack		<u>V</u> ext >]	ancel	
11. Change the install Following screen is		r if requ	ired. (Click N	ext to	contin	ue
🙀 FileNet IDM Desktop fo	r R3 Thin Clie	nt 5.1 - Ins	tallShie	ld Wizard			×
Ready to Install the Prog The wizard is ready to beg	-						

Click Install to begin the installation.

If you want to review or change any of your installation settings, click Back. Click Cancel to exit the wizard.

In	stallShield				
		<	<u>B</u> ack	<u>I</u> nstall	Cancel

12. To continue click **Install**. Following screen is displayed:

🙀 FileNet I	DM Desktop for R3 Thin Client 5.1 - InstallShield Wizard	_ 🗆 🗵
	FileNet IDM Desktop for R3 Thin Client 5.1 gram features you selected are being installed.	
1]	Please wait while the InstallShield Wizard installs FileNet IDM Desktop for R3 Thin Client 5.1. This may take several minutes.	
	Status:	
	Updating component registration	
InstallShield -		
	(Car	ncel

13. After the installation is completed, following screen is displayed:

🖟 FileNet IDM Desktop for R3	🞼 FileNet IDM Desktop for R3 Thin Client 5.1 - InstallShield Wizard				
N	InstallShield Wizard Completed				
	The InstallShield Wizard has successfully installed FileNet IDM Desktop for R3 Thin Client 5.1. Click Finish to exit the wizard.				
	[]				

14. To exit the installation wizard, click **Finish**.

Note: When the installation has completed successfully, the configuration tool should be used to create the necessary settings for SAPGUI/IDMWS components. For more information on how to configure SAPGUI/IDMWS, refer to section Configuring SAPGUI/IDMWS Environment

4 IDM Desktop for R/3 Configuration

To start the configuration tool, click Start \rightarrow Programs \rightarrow FileNet IDM Desktop for R/3 \rightarrow Configure IDM Desktop for R/3, in Windows.

The Configuration Tool

The configuration tool provides a menu bar, a tool bar, a tree of configuration categories, a status bar, and an area in which actual preferences are set and modified. These are illustrated in the following figure:

Document Warehouse for SAP Configuration		
<u>File E</u> dit <u>H</u> elp	MENU BAR	
/ 🗋 🔳 🗠 🖬 🤣	TOOL BAR	
Configuration	Configuration	
Logging	CONFIGURATION REPORT	
⊡ FN Libraries csdb^fn-test	соимон	
DefaultIMS:IMGSERV:FileNET		
⇒ SAP Systems		
EN1 BEC Communication	LOGGING	
E-X1	File nameC:\Temp\DwDefault.log	
Document Classes	Log levelLog all information	
⊡- R1	Use log file size limitFalse Max log file size (kbyte)0	
Document Classes	Create daily log fileTrue	
RFC Communication	Enable Logging to NT Event Log	
FN1 ⊡- Client		
⊡ Client General	FN LIBRARIES	
Browse	Count	
Queue		
E Custom Niews	CSDB^FN-TEST	
Capture	FileNET User	
⊡ · Dms ⊡ · DmsUi Components	FileNET Password	
DMSUIComponent.CDMS_MM_UIControler	FileNET Group	
producting interview of the production		
	DEFAULTIMS: IMGSERV: FILENET	
	FileNET Usersri	
CATEGORIES TREE	FileNET Password	
SHIES HEE	FileNET Group	
	SAP SYSTEMS	
PREFERENCE AREA	Count1	
	/	
	<u>FN1</u>	
<u> </u>		
STATUS BAR		

The following table lists the menus and menu items provided by the **menu bar**:

Menu	Menu Item	Description
File	Reload Configuration	Reloads the configuration from its storage location. All changes that have not been saved yet, will be discarded.
	Save Configuration	Saves the current configuration in the registry.

Menu	Menu Item	Description
	Import	Imports a configuration from a *.dwc file. The current configuration will be overwritten.
	Export	Exports the current configuration in *.dwc file, which is saved on the hard disk.
	Exit	Closes the configuration program without saving. If any information was changed, the user will be prompted to save the changes.
Edit	Rename	This option is enabled only when a selected category represents the name of an SAP system, SAP archive, or FileNet library.
	Add	This option is enabled only when a category contains a variable list of sub categories. This applies to the following categories:
		The SAP systems where Administrator can Add SAP systems or SAP Archives.
		FileNet Libraries where Administrator can Add FileNet Library.
	Remove	Removes the sub-categories that have been added using the Add function.
Help	Contents	Displays the Installation & Configuration Manual - Client.
	About	Displays the message box, which gives information about DWSAP configuration tool.

The **toolbar** provides fast access to more frequently used features such as add and remove a sub category. The following table lists all the features provided through the toolbar:

lcon	Name	Description
Ø	Rename	Renames a sub-category.
	Add	Adds a sub-category.
×	Remove	Removes a sub-category.
C.	Reload	Reloads the configuration from its storage location.
	Save	Saves the configuration in its storage location.
	Help	Displays the online documentation.

The **categories tree** provides a list of categories that should be configured. When a particular category or a sub category is selected, its related preferences are displayed in the preference area where configuration information can be altered. Other additional options, like

adding a sub category, renaming a category or removing a category are also available.

The **status bar** shows brief information such as status of the tool, the success or failure of the last action. The status bar is updated after an action is performed.

Note: All configuration information is currently stored in the Windows registry.

Configuration Overview

DWSAP configuration tool displays IDM Desktop for R/3-specific categories such as client in the categories tree.

The following table gives a description for each category:

Category	Sub Category	Sub Category	Description
Configuration			The preference area displays a summary report of the current configuration.
Common			No information in preference area. Top- level branch for Logging, FileNet Libraries, SAP Systems and RFC Communication.
	Logging		Configuration of logging related preferences.
	FileNet Libraries		Contains the list of FileNet libraries as sub categories.
		<fnlibid></fnlibid>	Refers to the Name (identifier) of a configured FileNet library, such as DefaultIMS:IMGSERV:F ileNet.
	SAP Systems		Defines SAP systems known to IDM Services for R/3.

Category	Sub Category	Sub Category	Description
		<sapsystemname></sapsystemname>	Names a configured SAP system, such as FN1. This name is arbitrary but it reflects the actual name of the SAP system that it represents.
		RFC Communication	RFC communication related preferences specific to an SAP system such as SAP gateway host and SAP gateway service.
		<storagesystemname></storagesystemname>	Refers to name of an SAP archive used by an SAP system such as X1. An SAP system can have multiple SAP archives.
		Document Classes	SAP and FileNet document classes used for storing a document in a specific SAP archive.
RFC Communication			Configuration of preferences related to RFC communication.
		<sapsystemname></sapsystemname>	RFC communication related preferences specific to an SAP system.
Client			No information in preference area. Top- level branch for General, ArchiveLink, Views, DMS.
	General		Configuration of commonly used Preferences.
	iViews		Configuration of display settings for Views
		Browse	Information about FileNet Browse for R/3.
		Queue	Information about FileNet Queue for R/3.

Category	Sub Category	Sub Category	Description
	Custom iViews		Option to create new, individual Custom Views.
	Dms		Configuration for DMS preferences.
		DmsUI Components	Possibility to create new, individual DMS UI components.

RFC Communication information is available through two sub-categories of the categories tree. For example, selecting the sub-category, Common / SAP Systems / <sapsystemname> / RFC communication, displays identical information in the preferences area, as the sub-category, Common / RFC communication.

Tip: The preferences altered under one of the two categories as specified above are instantly reflected under the other sub category because the information is identical.

IDM Desktop for R/3 Category - Logging

Background: All IDM Desktop for R/3 components record information regarding the operations in the system. This information can be helpful in finding problems with the configuration or troubleshooting after an error has occurred.

The **Logging** category contains preferences that determine the amount and location of the logged information.

IDM Desktop for R/3 Configuration Configuration Overview

Document Warehouse for SAP C	Configuration			_ 8 ×
<u>File E</u> dit <u>H</u> elp				
/ 🗋 🔳 🔤 🖬 🧇				
Configuration	Logging			
Configuration	Max log file size (kbyte)	C:\Temp\DwDefault.log Log all information □ Use log file size limit □ □ Create daily log file indows Event Log Log all information		
Ready.				

The following table lists the preferences specific to the IDM Desktop for R/3 category Logging:

Preference	Description		
File name	Enter a file name with path for logging the information.		
Log level	Determines the category of information to be logged. The log levels available for logging to a file are:		
	Log errors and warnings only (Recommended)		
	Log all information.		
Use log file size limit.	The size of the log file is restricted to the maximum file size. The Max		
Max log file size (Kbyte)	Log file size option is enabled only if the Use log file size option is checked.		
Create daily log file	Creates a new log file everyday. The file is named as <filename>_<yyyymmdd>_<extension>.</extension></yyyymmdd></filename>		
Enable Logging to Windows Event Log	The information is logged in the application log of the Windows event viewer.		
Log level (Windows event log)	Determines the category of information to be logged. The levels available are:		
	Log errors only, (Recommended)		
	Log errors and warnings only		
	Log all information.		

Configuring FileNet Libraries

Background: The FileNet libraries used by IDM Desktop for R/3 should be defined in the configuration tool. Different SAP systems and SAP archives can access the same library. There can however be one set of credentials, containing user name and password that can be configured for each library.

To add a new FileNet library:

- 1. Select the FN Libraries category in the categories tree.
- 2. Add a new sub category-using menu **Edit** → **Add**. To add a new FileNet library:

PDocument Warehouse for SAP Configuration		×
Document Warehouse for SAP Configuration File Edit Help Configuration Common - Common - FN Libraries - esdb [^] fn-test - DefaultIMS:Apple:FileNET - DefaultIMS:IMGSERV:FileNET	Library 4 FileNET Library FileNET User FileNET Password	

3. The newly added library name, for example Library 4, is in edit mode. Enter the identifier of the FileNet library. For example DefaultIMS:IMGSERV:FileNet for IS libraries, or csdb^fn-test for CS libraries. Selecting a FileNet library in the categories tree displays the library preferences in the preference area.

Elle Edit Help Configuration Configuration Common Cogging FN Libraries Cosdb^fn-test DefaultIMS:IMGSERV:FileNET DefaultIMS:IMGSERV:FileNET Endersite SAP Systems Brick Communication Client General Niews Dms	Document Warehouse for SAP Configuration		_ D ×
Cub linear DefaultIMS:Apple:FileNET Library 4	Eile Edit Help	FileNET Library	
Client General Friends Views	DefaultIMS:Apple:FileNET DefaultIMS:IMGSERV:FileNET Library 4 SAP Systems		
	⊡- Client General ⊡- Niews		

4. Enter the preferences referring to the following table:

Preference	Description
FileNet User	Represents the logon user name, and is mandatory.
FileNet Password	Represents the logon password.

Note: The user credentials and the library name will be validated when the configuration is saved. If the credentials are wrong, configuration will not be saved.

Configuring SAP Systems

Background: SAP System preference in IDM Desktop for R/3 configuration is a DWSAP internal logical name for an SAP system. An SAP system identifies itself to DWSAP through multiple means depending on whether RFC or HTTP communication protocol is used. Multiple archives can be defined for an SAP system.

To add a new SAP system:

- 1. Select the SAP systems category in the categories tree.
- 2. Add a new sub category using the menu **Edit** → **Add**. Default sub category of SAP Systems is created automatically.

Tip: With DWSAP release 5.x descriptive names can be used, unlike the earlier releases, in which the name had to be equivalent to the Logical System ID of SAP R/3 system.

SAP system sub categories can be renamed or removed by similar means as described for adding.

SAP system does not provide any preferences except its name.

Each SAP system category has **RFC Communication** sub category. If SAP archives are defined for an SAP system, each archive is represented as a distinct sub category under the SAP system category. These sub categories are described in subsequent sections.

Configuring RFC Communication

Background: The SAP ArchiveLink Interface release 3.0 and 3.1 use SAP proprietary RFC protocol to communicate with IDM Desktop for R/3. RFC communication has a RFC client program that invokes a remote function implemented in a RFC server program.

With DWSAP release 5.x, RFC communication is always specific to SAP system. This means that for each SAP system which cDesktop communicates with, there is one set of connection information.

To configure RFC communication information for SAP system, select the appropriate SAP system sub category under the RFC communication category.

Document Warehouse for SAP Configuration			
<u>File E</u> dit <u>H</u> elp			
/ 🗋 🔳 ~ 🖬 🤣			
Configuration	RFC Commu	nication	
	RFC Commun SAP Gateway SAP Gateway Host SAP Gateway Service RFC Server Program ID RFC Threads RFC Client SAP Client SAP User SAP App. server host SAP System number	NiCation	

Tip: Most of these values are available with the SAP Administrator.

The following preferences are displayed in the preference area:

Preference	Description		
SAP Gateway Host	Required only while configuring IDM Services for R/3.		
SAP Gateway Service	Required only while configuring IDM Services for R/3.		
Program ID	Required only while configuring IDM Services for R/3.		
RFC Threads*	Required only while configuring IDM Services for R/3.		
RFC Trace enabled	Required only while configuring IDM Services for R/3.		
RFC Server enabled	Required only while configuring IDM Services for R/3.		
SAP Client	Represents the logon client number.		
SAP User	Represents the logon user name.		
SAP Password	Represents the logon password.		
SAP Application Server Host	Represents the machine name of an SAP application server where the RFC server is registered.		

Preference	Description
SAP System Number	Represents the system number of an SAP system.
RFC Client Trace enabled	Enables logging RFC client trace information to a file. File can be found in the current directory of the application, and is named dev_rfc*.trc.
RFC Auto logon enabled	Enables the automatic logon of RFC to an SAP system.

Configuring SAP Archives

Background: An **SAP archive** corresponds to an archive, defined while customizing the SAP ArchiveLink. **Content Repository** is also a synonym for an SAP archive. Multiple SAP archives can be configured to point to the same FileNet library.

To add a new SAP archive:

- 1. Select the SAP system to which a new archive is to be added.
- 2. To add a new sub-category, click **Edit** → **Add** menu. A new archive is added under the category SAP system.

Document wateriouse for SAF Configuration			
File Edit Help			
1 🗋 🗙 🗠 🖬 🛷			
Configuration	X2		
Common			
Logging ⊡FN Libraries	Corresponding FileNET Library		
csdb^fn-test	FileNET Library		•
DefaultIMS:IMGSERV:FileNET			
DefaultIMS:fnbuild:FileNET Library 4			
⊟- SAP Systems	File exchange paths with SAP Syster	n	
⊡- FN1	Archival path (SAP Basic path)		
RFC Communication	Retrieval path (SAP Archive path)		
Document Classes			
⊡-S1	SAP Archive Link: DLL Communicati	on	
□ ×2	Address or alias for search	172.16.2.2	
Document Classes	RPC Timout in minutes	10	
Error Enternation Error			
⊡ Client			
General			
⊡ • Niews Browse			
- Browse - Queue			
Custom Niews			
- Capture			
⊡- Dms ⊡- DmsUi Components			
DMSUIComponent.CDMS_MM_UIControler			
1			

3. Enter the two-character name as defined in the SAP during archive definition.

Preference	Description
FileNet Library	Refers to a FileNet library. This entry creates a logical assignment from SAP System + SAP archive to a FileNet Library.
Delete Document	Deletes the documents in IS when SAP requests to delete a document.
	If disabled, just sets the document status to closed.
Archival Path	Required only while configuring IDM Services for R/3
Retrieval Path	Required only while configuring IDM Services for R/3
Address or alias for search	IP number or alias name for machine where search is running on.
RPC timeout in minutes	Represents the timeout interval in minutes; the minimum value of this timeout interval is ten minutes

Following table lists the preferences for the archive:

There is a sub-category to each SAP archive,

 Document Classes contain the mapping of SAP technical document classes and MIME types to FileNet document classes for storage. For more information on document classes and there configuration, refer to the section <u>Configuring Document Classes</u>.

Configuring Document Classes

Background: SAP uses technical document classes and MIME types to distinguish different classes of documents. Document class is passed on with the archive request. IDM Services for R/3 use this information to determine which document class to use, while storing the document in a FileNet library.

To configure the FileNet document class used for an archive, select **Document Classes** in the tree control. The following figure is displayed:

′ □ ■ ~ ■ 🔗				
Configuration Configuration Common Common Common SAP Systems SAP Systems CFN1 FRFC Communication H1 SAT Communication Communication Client General Winews	Document cla SAP MIII DOC app PDF app RTF app XLS app MPP app ALF app OTF ap RAQ app	AE-Type AE-Type AE-Type Dication/Postscript Dication/Ynd ms-excel Dication/Ynd ms-project Dication/Ynd ms-powerpoint Dication/X-alf Dication/X-aff Dication/X-raw	FileNET	<u>A</u> dd <u>R</u> emove
⊡-Dms	SCR app BMP ima GIF ima JPG ima PCX ima TIFF ima TIF ima HTM tex	hicəlion/octet-stream bilcation/x-scr ge/brp ge/jpeg ge/jpeg ge/jtff ge/tiff ge/tiff //thml		
	Default File!	VET document class	PLAFDC	

In the table in the figure above, for each SAP document class or MIME type, there is a corresponding FileNet document class to be used to archive documents.

- HTTP requests contain a MIME type, not an SAP type. This table determines the value for the mandatory FileNet index field **SAPType**.
- If there is no predefined mapping from a MIME type to an **SAPType**, **SAP Type ZZZ** is used.
- If SAP does not send a MIME type, the Web server adds a default MIME type of an application/octet-stream.
- cDesktop uses a default MIME type of application/octet-stream.

Default FileNet document class will be used in the following cases:

- If SAP sends an archive request for an SAP document class or MIME type that has no configured FileNet Document Class.
- An unknown SAP document class or MIME type is encountered.

IDM Desktop for R/3 Category – General

Background: The General category contains preferences commonly used by more than one IDM Desktop for R/3 components.

To configure the preferences, select **General** in the tree control. The following figure is displayed:

Following table lists the preferences in the **General** category:

Preference	Sub Preferences	Description
Type of document ids created		It determines the type of document ids, which are stored in SAP when a FileNet document is linked to an SAP transaction.
	Conventional document ids	If this option is selected, the document ids that are created do not contain any specific information for DWSAP. It is only possible to create links from IS documents to SAP transactions.

Preference	Sub Preferences	Description
	SmartIDs	If this option is selected, IDM Desktop for R/3 is able to create SmartIDs such as DOC00119744 . Document IDs with Document Warehouse specific information will be created, allowing the system to link IS and CS documents and folders to SAP transactions.
		Note: If this box is unchecked CS library will not be displayed in FileNet Browse for R/3 of IDM Desktop for R/3. The user will also not be able to create a link to CS folder or documents.
Active SAP System		Select an active SAP system from the drop down list.
	AutoLogon	Configuration for the AutoLogon.
	Enable automatic logon	Check this box to enable automatic logon. The system will use the logon information, entered in the FileNet libraries sub-categories. In order to use operating system credentials for logon to FileNet library, refer to section, <u>Use Operating System credentials for</u> <u>Logon to FileNet</u>
	Automatic logoff after x minutes	Check, this box if automatic logoff should take place. Define after how many minutes this should happen.
Default Display Connector		Configuration for the default viewer
	IDM Viewer	Check, this box if the IDM Viewer application should be the default viewer for displaying documents. If this box is checked, a second line with Maximum Documents comes up.
	Maximum Documents	Configure the number of open panes in the IDM Viewer application in this line. If the user has reached this maximum number and issues another display request, the oldest document will be removed from the viewer.

Preference	Sub Preferences	Description
	Internet Explorer	Check, this box if the Internet Explorer should be the default viewer for displaying documents. If checked, a second line with IDM WebServices URL will appear.
	IDM WebServices URL	Please enter the internet address of the Web Services, e.g. http:// <servername>/idmws/ .</servername>
	Custom	Enter <libraryname.classname> of an individual custom viewer, which should be the default viewer for displaying documents.</libraryname.classname>
Filter Queue Settings		Configurable option which enables or suppresses the filtering of individual queues.
	Filter Queue on Document Number	If this option is checked then before displaying the queues for the workspace filter, the queues based on the field Document Number else display all the queues for the workspace.

Tip: For more information on how to create a custom Display Connector, refer to Programmer's Handbook.

Use Operating System credentials for Logon to FileNet

To use operating system credentials for logon to FileNet follow the steps as outlined below:

- 1. Uncheck the **Enable Automatic Logon** checkbox in the Client/General/AutoLogon frame.
- 2. Enable the preference **Use Operating System credentials for Logon** for the library on the client desktop. In order to use these following steps need to be performed:
 - a Open FileNet Panagon IDM → Configure.
 - b Select the Library for which the use of operating system credentials is to be enabled. Click on **Additional Preferences**. The following screen is displayed:

DM Preferences (for All Users)	2
📄 💼 🌆 IMGSERV	
Service <imgserv:filenet></imgserv:filenet>	
🙁 System type <image services=""/>	
Use operating system credentials for logon <no></no>	
🙁 Alternate IS page cache <>	
Default web mode <browse></browse>	
🥴 User credential cache timeout (minutes) <10>	
Maximum number of IS folders to display <5000>	
🗎 🗄 👷 Searching	
🗄 😨 Publishing	
🗄 🛞 Viewing	_
Application Integration	
Use operating system credentials for logon	— IS —
Use operating system credentials for logon	
Dested	- D-()
Hestor	e Default
Attempt to log on to a library using the Windows logon name and pass	sword. 🔺
	=1
J	Y
	f
OK Cancel Restore All Defaults	Help

- c Enable the check box Use operating system credentials for logon.
- d Click on **OK** to save the settings.

Note: The domain user should be imported into IS using the utility sec_imp.exe.

IDM Desktop for R/3 Category Views

Background: The visual component IDM Desktop for R/3 determines a document or folder, within an IDM library to process it in an SAP R/3 transaction. There are several ways to determine such a document or folder. IDM Desktop for R/3 has two default components: FileNet Browse for R/3 and FileNet Queue for R/3. Other custom views can also be developed and added in this category.

Document Warehouse for SAP Configuration	
<u>File E</u> dit <u>H</u> elp	
🖉 🗋 🔛 🗠 🖬 🔌	
Configuration Common Logging FN Libraries SAP Systems FN1 FFC Communication H1 C-X1 Document Classes FREC Communication Client	Image: Display settings Display delay in ms 2000
General General General General Discrete State	

Select **iViews** in the tree control. The following figure is displayed:

Following table lists the preferences in the iViews category:

Preference	Description
Display delay in ms	In order to display documents in the viewer after the user has changed the selection there needs to be a period to elapse. Please enter the number of milli seconds for this period (default=2000).

Note: The standard views: FileNet Browse for R/3 and FileNet Queue for R/3, are automatically configured during the installation process, and cannot be changed.

Select **Browse** in the tree control. The following figure is displayed:

Document Warehouse for SAP Configuration			- D ×
<u>File Edit H</u> elp			
🥒 🗋 🔳 🗠 🖬 🔌			
En Common	Browse		
. FN Libraries	Custom Views		
⊡- SAP Systems ⊡- FN1	ClassId	IdmForR3Browse.IdmForR3BrowseX	
- RFC Communication	Window title	FileNET Browse For R/3	
⊡- ×1 Document Classes			
E- Client			
General			
E- Niews			
Queue			
E Custom Niews			
±Dms			

Following table lists the preferences in the sub-category of iViews:

Preference	Description
ClassID	This is the component's program id in the form ' ibraryname>.<classname>'.</classname>
Windows title	This title will be used for displaying purposes.

Defining a Custom View

To add a new Custom View:

- 1. Select the sub category Custom View in the categories tree.
- 2. To add a new sub-category, click **Edit** → **Add** menu. The new sub-category represents the individual Custom View.

Document Warehouse for SAP Configuration	
<u>File E</u> dit <u>H</u> elp	
1 🗋 🗙 🗠 🖬 🔗	
Configuration - Common - Logging - FN Libraries - SAP Systems - FN1 - RFC Communication - H1 - N1 - Document Classes - RFC Communication - Client - General - Views - General - Views - Gueue - Custom Views - Capture - Classname 4 - Dms	Libraryname.Classname 4 Custom Niews ClassId Window title
	li li

The chosen name in the categories tree should be the same as entered in the ClassId field, which appears in the preference area.

Preference	Description
ClassId	Enter the program id in form of ' <libraryname>.<classname>'.</classname></libraryname>
Windows title	Refers to the Window title. This title will be used for displaying purposes

Note: A configured custom View should be registered as a Code Component, before you use it. This Code Component was formerly known as OLE Automation Server.

For more information on how to create custom Views, refer to the Programmer's Handbook.

IDM Desktop for R/3 Category DMS

Background: DWSAP provides DMS functions to create and modify Document Info Records (DIRs) in SAP R/3 system, through DMS BAPI, as well as linking objects from FileNet repositories to SAP R/3 DIRs. These functions are encapsulated in two separate components: DMS Component and DMS UI Component. FileNet Browse for R/3 has been enhanced, with a new DMS menu, allowing the user to access these functions.

Select **DMS** in the tree control. The following figure is displayed:

guration Common	Dms			
Client General General General Custom Miews Custom Miews Capture Libraryname.Classname 4 DmsUi Components DmSUi Component.CDMS_MM_UIControler	General Settings Max returned results	200		
	Document Info Record	(DIR) DRW		
	DIR Description	Default DIR		
	Initial status	FR Prompt for DIR Status and Description		
	Archivelink specifics			
	Archiveobject	ZX1DMS		
	SAP Object	DRAW		

Following table lists the preferences specific to the **DMS** category:

Preference	Description
Maximum returned results	Defines the maximum number of results returned, while issuing a search for SAP master records.

Preference	Description
DIR Type	Defines the name of the DMS document type (typical value DRW or TST). The document type defines the possible states a document can have and to what master records a document can be linked.
DIR Description	Describes the newly created DIR.
Internal number sign	Defines the numbering system of DIR. The predefined DMS document type DRW uses the (*) character to create a new available id.
Initial status	Defines the status of a DIR in SAP status network assigned to the document type (see transaction cv01). FR (released) is the initial status for DRW .
Prompt for Dir Status and Description	Refers to a checkbox which if checked will prompt the user to select values for Initial Status and DIR description when a new DIR is created.
Archive object	Defines an SAP document type, which was created in transaction oac2 .
SAP Object	Defines an SAP Object type, needs to be DRAW .

DMS UI Components

Background: DMS UI Components offer functions such as, accessing information of SAP R/3 master records, and searching and selecting SAP R/3 master records. These functions have an interactive user interfaces.

With IDM Desktop for R/3, a predefined DMS UI Component is configured along with the installation. This DMS UI Component enables the user to use the above-mentioned functions with SAP material masters.

It is possible to create a custom DMS UI Component, for example to use the same functions for other SAP master records, e.g. equip masters, etc.

Defining a new DMS UI Components

To add a new DMS UI component:

- 1. Select the sub category DMS UI Components in the categories tree.
- 2. To add a new sub-category, click **Edit** → **Add** menu. The new sub-category represents the individual DMS UI component.

Document Warehouse for SAP Configuration	
<u>F</u> ile <u>E</u> dit <u>H</u> elp	
Configuration Common Common FN Libraries SAP Systems FN1 RFC Communication H1 Document Classes RFC Communication Client General Wiews Dms Dms Dms Dms DmsUIComponent.CDMS_MM_UIControler Uibraryname Classname 2	Libraryname.Classname 2 Menu names for the enhanced Browse Niew Menu entry Display Menu entry Link General settings Type of MasterRecord
Added new DmsUI component to configuration.	

The chosen name in the categories tree should be the same as entered in the ClassId field, which appears in the preference area.

Preference	Description
Menu entry Display	Description that appears in the DMS menu of the FileNet Browse for R/3.
Menu entry Link	Description that appears in the DMS menu.
Type of MasterRecord	The ID of the master record, that should be used, e.g. EQUI for Equipment Master.
	Background : The master records in the SAP R/3 system are identified by an id and type id. The type id is a combination of four characters, and is a part of the record's primary key.

For more information on the functions of DMS, refer to **Programmer's** Handbook.

Configuring SAPGUI/IDMWS Environment

The configuration tool of the Web-based client environment depends on the configuration tool of IDM Desktop for R/3.

Configuration Category Logging

Background: All client components record information regarding the operations in the system. This information can be helpful in finding problems with the configuration or troubleshooting after an error has occurred.

The **Logging** category contains preferences that determine the amount and location of the logged information.

Document Warehouse for SAP Configuration			<u>- 0 ×</u>
<u>F</u> ile <u>E</u> dit <u>H</u> elp			
🖉 🗋 🔤 🗠 🖬 🔌			
Configuration	Logging		
E- Common	Log to file		
'⊟- WebService I General	File name	C:\Temp\DwDefault.log	
	Log level	Log all information	
		Use log file size limit	
	Max log file size (kbyte)	0	
		✓ Create daily log file	
	NT Event log		
	Enable Logging to N	T Event Log	
	Log level	Log all information	

The following table lists the preferences specific to the IDM Desktop for R/3 category Logging:

Preference	Description		
File name	Enter a file name with path for logging the information.		
Log level	Determines the category of information to be logged. The log levels available for logging to a file are:		
	Log errors and warnings only (Recommended)		
	Log all information.		
Use log file size limit.	The size of the log file is restricted to the maximum file size. The		
Max log file size (Kbyte)	Max Log file size option is enabled only if the Use log file size option is checked.		
Create daily log file	Creates a new log file everyday. The file is named as <filename>_<yyyymmdd>_<extension>.</extension></yyyymmdd></filename>		
Enable Logging to Windows Event Log	The information is logged in the application log of the Windows event viewer.		

Preference	Description		
Log level (Windows event log)	Determines the category of information to be logged. The levels available are:		
	Log errors only, (Recommended)		
	Log errors and warnings only		
	Log all information.		

Configuration Category General

Background: The General category contains preferences commonly used by client components.

To configure the preferences commonly used, select **General** in the tree control. The following figure is displayed:

Document Warehouse for SAP Configuration			- 🗆 🗵
<u>File E</u> dit <u>H</u> elp			
Configuration ⊟- Common	General		
	General Settings Thin Client		
⊡- WebService General	IDM WebServices URL	http://FileNetSrv/idmws/	
	SinglelEInstance _F	v	
			11

Following table lists the preferences in the General category:

Preference	Description			
IDM WebServices URL	The internet address of the Web Services, e.g. http:// <servername>/idmws/.</servername>			
SinglelEInstance	If checked, each display request will open the document in the same IE window else, will open in separate IE window.			

Creating Capture Settings for FileNet Capture for R/3

To create Panagon Capture settings for FileNet Capture for R/3:

- 1. Start FileNet Panagon Capture and log on to the library.
- 2. To create a new setting, select **File** → **New Settings** menu. The following screen is displayed:

🙀 FileNET Panagon Capture	
File Edit View Tools Window Help	
New Capture Path Report Settings Template	- ◆ 3 9 II ≣ ∿ 12 IF 65 65 2 15 2 15 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
Properties Exit	
Name Order Created By Creat	
Create new settings	Administrator Ad Hoc NUM //

3. Click Next to continue. The following screen is displayed:



4. Click **Next** to continue. The following screen is displayed, which gives the option to select repository, where the scanned documents should be stored:

FileNET Panagon Capture	e Settings Wizard	X
	Select the Repository in which the Settings Collection is to be stored:]
	< <u>B</u> ack <u>N</u> ext > Cancel	

5. Click **Next** to continue. The settings collection screen is displayed:

Flexer Panagon Captur	Do you want to: C Edit an existing Settings Collection Define a new Settings Collection Edit existing Settings Collection Name: Define new Settings Collection Name: Based on existing Settings Collection:
	Setting_DOC Setting_IMG TestSettings
	< <u>B</u> ack <u>N</u> ext > Cancel

6. Click **Next** to continue. The following screen is displayed, which allows the user to choose a document class:

FileNET Panagon Capture	e Settings Wizard	x
	Please select the DocClass that is to be associated wit SETTINGS_IMG	h
E	DocClass: SAPALFDC	•
R		
	< <u>B</u> ack <u>N</u> ext > Ca	ncel

- 7. Choose a document class to which the scanned documents will be committed. This document class should already be defined in Image Services.
- 8. Click Next to continue. Following screen is displayed:

FileNET Panagon Capture	Settings Wizard	X
R R R	Components: Assembly Blank Page Detection Commit File Import Image Verify PrintFax Scan Viewer Component function:	
Select each Component ar SETTINGS_IMG	Scans images into the currently selected object. Ind configure it for	
	< <u>B</u> ack <u>N</u> ext > Cance	

9. To select the commit component, either double-click it, or select the entry in the list, and click the **Configure** button. The commit properties screen is displayed:

Panagon Capture Commit Properties	×
Image Services Content Services	
Commit Options Commit Without Migration Commit With Migration Delay By: Alternate Page Cache	Committal Type Asynchronous Synchronous
OK Cancel	<u>Apply</u>

- 10. Select the **Synchronous** committal type. Click **OK** button to return to the Component list.
- 11. Select the **Scan** component. The Scan properties screen properties is displayed:

Panagon Caj	pture Scan Properties	×
General	Stamper Event Notification Advanced	
Scanner	·	
S	Name: HP Scanjet 6250c Properties	
	Type: SCANJET Version 1.60	
	Select Scanner	
Extended	I Options	
	Configure additional scanner <u>features</u> :	
\sim	Color Enhancement	
	OK Cancel <u>Apply</u> <u>H</u> elp	

12. Choose the scanner attached to your workstation, and then configure the other options. Click **Ok** button to return to the component list. A confirmation window comes.

Creating Capture Settings for FileNet Capture for R/3



13. Click **Ok** to continue. In the component list dialog, click the **Next** button. The following save setting screen is displayed:

FileNET Panagon Capture 9	Settings Wizard	×
	The Settings have been configured and are ready to be written into the Repository. The Settings will be saved for: Setting_Sales	
	< <u>B</u> ack Finish Cance	

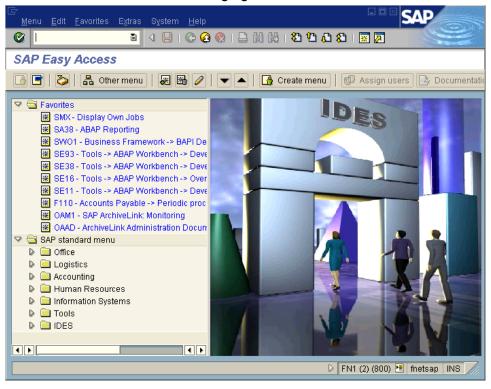
14. If you click **Finish**, the settings will be created and written in the repository. You can go back by clicking **Back** button to review, and change the settings that you entered. After saving the settings in the registry, to change them, click **Edit** → **Setting** menu, in Panagon Capture.

5 Customizing SAP

SAP ArchiveLink requires customization of R/3 systems, to work with a Content/Archiving system vendor such as FileNet. The following sections describe the necessary customizing for SAP R/3 system. The documentation is based on a 4.6B system. The figures in this manual have been produced using a SAPGUI Version 4.6B.

Overview

SAP ArchiveLink customizing starts in, **SAP Easy Access**, which displays the possible choices such as basic settings in a hierarchical structure as shown in the following figure:



Note: As an alternative, to customize your SAP system, use the SAP Implementation Guide (IMG). The IMG guide lists the necessary steps, provides context-sensitive SAP online documentation, and automatically displays the customizing screens for all SAP related functions. The IMG can be found under **Tools** \rightarrow **AcceleratedSAP** \rightarrow **Customizing** menu, or through transaction code **spro**.

There are two types of SAP ArchiveLink customizing required, which are as follows:

- Customizing specific to DWSAP. The tasks necessary for this type of customization are SAP Archive definition, SAP Archive Protocol definition.
- Customizing for SAP modules such as FI and SD, which is independent of the archive used. This type of customization is not part of this documentation. Refer to SAP Online documentation for more information on the customizing of SAP modules.

Customizing SAP for IDM Desktop for R/3

This section explains the procedures that are necessary to configure client/server communications.

Defining IDM Desktop for R/3 as an OLE Application

To declare IDM Desktop for R/3 as an OLE server to SAP follow the steps outlined below:

<u>[</u>]	<u>[</u> able view <u>E</u> dit <u>G</u> oto	Selection criter	ria <u>U</u> tilities	System <u>H</u> elp		- SAP		
Ø	1	I 🛛 🛛	I 😋 🙆 🔇	日日日日	80 00 00 00 00 00 00 00 00 00 00 00 00 0	× ×		
D	Display View "Maintenance view for OLE applications": Overview							
ey								
	OLE application		CLSID			Check auth.		
	ALVIEWER		{30446849-1	1E3-11D0-9D48	E-0020AFC0E4C0)	·		
	ALVIEWER.APP		{30446849-1	1E3-11D0-9D48	E-0020AFC0E4C0)	·		
	APPROACH.APPLICATION		{00028701-0	0000-0000-0000	-000000000046}			
	AUTOVUE.APPLICATION		{63A20B20-:	2357-101D-909E	-0000C02E4A4A}			
	AUTOVUE.DOCUMENT		{71FE6890-0	6F6E-11CE-9EF	3-0000C074797F}			
	DSPCALC2.APPLICATION		{00020469-0	0000-0000-0000	-000000000046}			
	EXCEL.APPLICATION		Excel.Applica	ation				
	EXCEL.CHART		Excel.Chart					
	EXCEL.SHEET		Excel.Sheet					
			• •			•		
		E) Positio	ın	Entry 1 of 33			
					D	SOLE 🖭 fnetsap	INS ///	

1. Go to the transaction code **sole**. The following screen is displayed:

- To switch to Change mode, chose Table View → Display → Change menu. A message box will state that this transaction is client independent.
- 3. To add new entries, click **Edit** → **New** entries menu. The following screen is displayed:

년 <u>T</u> able view <u>E</u> dit <u>G</u> oto	o <u>S</u> election criteria <u>U</u> tilii	ties S <u>y</u> stem <u>H</u> elp		SAP
Ø	B (📙) 😋 🙆) 😒 i 🖴 (h) (la i i 😒 (B 1B 4B 4B 4 1 😹 🦷	
New Entries: Det	ails of Added En	tries		
19 🗟 🕹				
OLE application	1			
Version number				
CLSID				
CLSID LibType				
OLE object name				
Type Info key				
Include program				
Language				
Check authorization				
Text				
			D SOLE 🗎	fnetsap INS

4. Enter the value for each edit box as listed in the table below:

Field	Entry
OLE application	For example, IDMFORR3
Version number	5.1
CLSID	CLILINK.SAPLINK
CLSID LibType	Leave blank
OLE object name	CLILINK.SAPLINK
Type Info key	NO_TYPELIB
Include program	Leave blank
Language	Leave blank
Check authorization	Leave blank
Text	Leave blank

Tip: Make a note of the OLE Application name because it is used later in the configuration, while defining the IDM Desktop for R/3 to SAP.

5. To save the changes, click **Save**.

Defining IDM Desktop for R/3 to SAP

Background: For DWSAP to communicate with SAP system IDM Desktop for R/3 should be defined to SAP as an OLE application. This involves defining methods and parameters that are sent and returned for each application.

Following are the steps to be performed for defining IDM Desktop for R/3 as an OLE application:

1. Go to the transaction **oaa4**. The following screen is displayed:

면 Application Edit <u>G</u> oto System <u>H</u>	alp	SAP
🕑 I 🛛 🗈 🛛 🖡	3 1 1 2 2 2 3 4 1 2 1 2 2 2 2 2 2	× ×
SAP ArchiveLink: Applicat	ion maintenance	
Applications		 □
ALVIEWER AL_EXEL		
FNDSKTP40 IDMFORR3		
WANG WINWORD		
		▲ ▼
• •		
	D	OAA4 🖻 fnetsap INS 🦯

2. Click **Application** → **Create** menu. The following screen is displayed:

🖙 SAP ArchiveLink: Application maintenance 🛛 🛛 🦯				
Application	IDMForR3	G		
Back				

3. Enter a unique application name for e.g. IDMForR3. Click the **Back** button. The new application, in this case IdmForR3, appears in the displayed list as shown in the screen shot below.

		plication	Edit	<u>G</u> oto	Syste	т <u>Н</u>	elp			[SA	2		
	8				٦	4) (C	<u> </u>	3		(H) (H)				
	SA	P Arcl	hivel	.ink:	Арр	licat	ion n	naint	en	an	ce				
	Ľ	2													
Г															
	Appl	lication	IS												H
		IEWER													
		EXEL SKTP40													
		SKTP50 Forr3													
	WANG														
	WINV	WORD													
•	►												_	••	
										D	OAA4	🗐 fnets	_	NS	7///

4. Double-click on the new application for editing. The following screen is displayed:

Application <u>E</u> dit Goto System	
🖉 🚺 🖉	
SAP R/3	
E.m. Han	Otatus
Function	Status
Display stored document	Not maintained
Retrieval for frontend	Not maintained
Display local file	Not maintained
Archive from frontend	Not maintained
Store file on frontend	Not maintained
Store file from frontend	Not maintained
Close window	Not maintained
Start external application	Not maintained
	<u> </u>
	D OAA4 🖻 fnetsap INS 🦯

5. To modify each of the functions, double-click one of the OLE function line, for example, **Display stored document**. The following edit screen displays:

C SAP R/3 Splication IDMForR3 Display stored document
M S G Command
O O DisplayDocument @DID,@AID@WTI
O O @EID=LastError O
Release generated object after call
Back

- 6. Enter name of the OLE Application, for example, IDMFORR3, in the Application field.
- 7. Enter the Methods (M), Sets (S), and Gets (G). To select the type, click the radio button at the beginning of each line and enter the command to be executed referring to the following table:

Operati on	Туре	Command
Display	Μ	DisplayDocument @DID,@AID,@WTI
object	G	@EID=LastError
Retrieval	М	RestoreFile @DID,@DPA,@AID
for frontend	G	@EID=LastError
Display	М	DisplayFile @DPA
local file	G	@EID=LastError
Archive	М	ScanArchive @DTY,@AID
from front end	G	@DID=DocumentId

Operati on	Туре	Command
end	G	@EID=LastError
Store file	М	ArchiveFile @DPA,@DTI,@AID
from frontend	G	@DID=DocumentId

- 8. Click **Back** button after each operation, and select the next operation to be defined.
- 9. To save the changes, click **Save**.

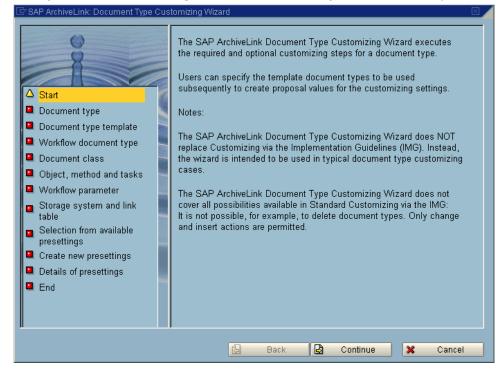
After you enter the configuration tasks, the modified entries are displayed as maintained in the OLE column.

Note: There should be no space between the parameters in a method call, or in an assignment. There is a space between a function name for example, **DisplayFile** and the first parameter @DPA.

SAP Customizing for Incoming Documents

The following steps need to be performed for defining a workflow document type to be used for Incoming Documents:

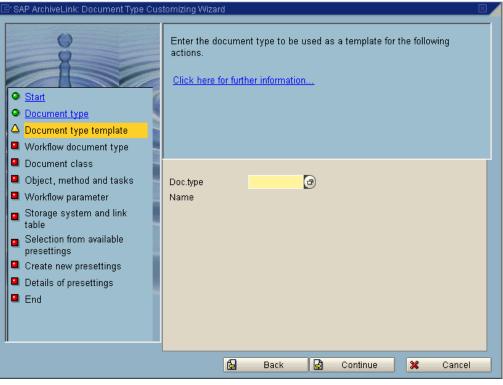
 Access the Menu: Tools → Business Documents → Document Types → Customizing wizard. The following screen is displayed:



🖻 SAP ArchiveLink: Document Type Customizing Wizard 🛛 🛛 🛛					
 Start Document type Document type template Workflow document type 		ng or new docume			
 Document class Object, method and tasks Workflow parameter Storage system and link table Selection from available presettings Create new presettings Details of presettings End 	Doc:type Name		3		
	<u>E</u>) Back	🕒 Continue	×	Cancel

2. Click **Continue.** The following screen is displayed:

3. Enter the name of the Document type and a description for the document type. Click **Continue**. The following screen is displayed:



4. Enter the Doc type as FIIINVOICE and click **Continue**. The following screen is displayed:

🖻 SAP ArchiveLink: Document Type Cus	stomizing Wizard 🛛 🛛 🖉
 Start Document type Document type template Workflow document type 	If you also want to perform SAP Business Workflow Customizing, activate the relevant field. <u>Click here for further information</u>
 Document class Object, method and tasks Workflow parameter Storage system and link table Selection from available presettings Create new presettings Details of presettings End 	Workflow document type
	🔓 Back 🛃 Continue 🗶 Cancel

5. Click the checkbox **Workflow Document type**. Click **Continue**. The following screen is displayed:

🖙 SAP ArchiveLink: Document Type Cus	tomizing Wizard 🛛
 Start Document type Document type template Workflow document type 	Enter the relevant technical document class for the document type. Click here for further information
 Document class Object, method and tasks Workflow parameter Storage system and link table Selection from available presettings Create new presettings Details of presettings End 	Doc. class FAX @ Name Internal format for TIFF files
	🔂 Back 🛃 Continue 🔀 Cancel

6. Enter the Doc Class as **FAX**. Click **Continue**. The following screen is displayed:

🖙 SAP ArchiveLink: Document Type Cus	tomizing Wizard	
Start Document type Document type template Workflow document type	Specify the object type, the method and the tasks for the storag scenarios. <u>Click here for further information</u>	e
 Document class Object, method and tasks Workflow parameter Storage system and link table Selection from available presettings Create new presettings Details of presettings End 	Obj. type BKPF Name Accounting document Entry	
	🔂 Back 🛃 Continue 🔀	Cancel

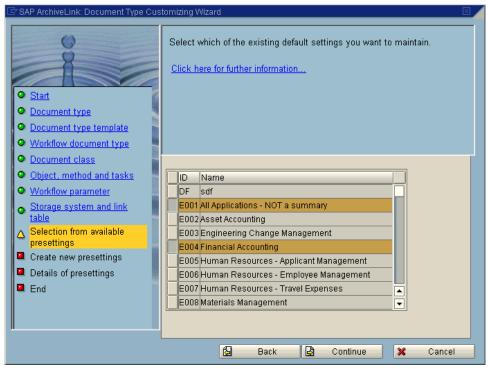
7. In the Assignment tab, enter the task as TS7869. The following screen is displayed:

🖻 SAP ArchiveLink: Document Type Cus	tomizing Wizard		
 Start Document type Document type template Workflow document type 	Enter the workflow pa		
Ocument class			
Object, method and tasks	Parameter	Contents	Name
□ △ Workflow parameter	TRANSACTIONCODE	FB10	Transaction Code
Storage system and link table			
 Selection from available presettings 			
Create new presettings			
Details of presettings			
End End			
			Name 🔽
		Back 🛃 Conti	nue 🗶 Cancel

8. Click **Continue**. The following screen is displayed:

🖻 SAP ArchiveLink: Document Type Cus	stomizing Wizard 🛛 🖂 🖉	
Start Document type Document type template Workflow document type	Specify the content server and the link table. Click here for further information	
 <u>Document class</u> <u>Object, method and tasks</u> <u>Workflow parameter</u> <u>Storage system and link table</u> <u>Selection from available presettings</u> Create new presettings Details of presettings End 	Archive X1 Name HTTP Archive Link TOAO T Retention per.	
	🔂 Back 🛃 Continue 🔀 Cancel	

9. Enter the Archive as X1. The following screen is displayed:



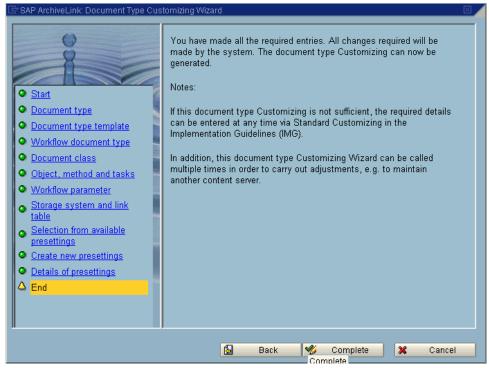
10. Click **Continue**. The following screen is displayed:

🖙 SAP ArchiveLink: Document Type Cus	tomizing Wizard	×
 Start Document type Document type template Workflow document type 	Define the default settings that you want to create and maintain. Click here for further information	
 <u>Document class</u> <u>Object, method and tasks</u> <u>Workflow parameter</u> <u>Storage system and link table</u> <u>Selection from available presettings</u> <u>Create new presettings</u> <u>Details of presettings</u> <u>End</u> 	ID Name	
	🛃 Back 🛃 Continue 🗶 Cancel	

11. Click **Continue**. The following screen is displayed:

🔄 SAP ArchiveLink: Document Type Cu	stomizing Wizard 🛛 🛛 🖉
 Start Document type Document type template Workflow document type 	Define the default setting in detail. If you have selected or defined several default settings, you can scroll through them. <u>Click here for further information</u>
 <u>Document class</u> <u>Object, method and tasks</u> <u>Workflow parameter</u> <u>Storage system and link table</u> <u>Selection from available presettings</u> <u>Create new presettings</u> <u>Details of presettings</u> 	I / 6 E001 All Applications - NOT a summary O.D S. S. S. S. A. Name JS - BC-BPT Image: Comparison of the summary
End End	Delete line Back Continue Cancel

12. Enter the User name as an SAP user. Click **Continue.** The following screen is displayed:



13. Click **Complete** to exit the Customizing Wizard.

SAP Customizing for DMS Components

If the new feature of DWSAP, DMS components, is used, additional SAP customizing should be done.

Creating a New Document Type for DMS

If DMS components are used, it is necessary to define a specific document type, which is used by DIR.

To create a new document type, follow the steps outlined below:

 Access the menu Tools → Business Documents → Document types → global Document types or use the transaction oac2. The following screen is displayed:

	iew "Global document types": 28 🗈 🖶 🐼 🗟 🖪 🖥	Overview		
Global docu	ment types			
Doc.type	Doc.type	Doc. class	s 🗂	
MEOAGREEM	Outline agreement	OTF		
MEOORDER	Purchase order	OTF		
MEOREMIND	Dunning notice	OTF		
MEOREQOTE	Inquiry	OTF		
MEOSCHEDUL	Delivery schedule	OTF		
MMICREDIT	Incoming credit memo	FAX		
MMIDELNT	Goods receipt w/o reference to PO	FAX		
MMIDELNTOR	Goods receipt with reference to PO	FAX		
MMIINVENT	Enter phys. inv. count	TIF		
MMIINVOICE	Incoming invoice	FAX		
MMIINVPREL	Incoming inv. prel.post. invoice verif.	FAX		
MMILOGCRED	Incoming credit memo log. invoice verif.	FAX		
MMILOGINV	Incoming invoice log, invoice verific,	FAX		
		•		

2. To add a new document type, click **Edit** → **New Entries** menu. The following screen is displayed:

 	<u>Selection criteria</u>	System SAP
©	🛯 🖣 📙 I 😋 🚱 🔇	
New Entries: Over	view of Added Ent	ries
"2 B B B B		
Global document types		
Doc.type Doc.type		Doc. class 📑
	Position	Entry 0 of 0
		DAC2 🖻 fnetsap INS

- 3. Enter a unique Document Type name and a description. Enter the Doc. class for this Doc type as **FAX**.
- 4. To save the document type, click **Save**.

5. Enter the change request information, depending on SAP R/3 system administrative customization.

Note: Names of document type beginning with Y or Z alphabets, cannot be overwritten, or deleted, while updating SAP system software.

Linking the Document Type for DMS to an Archive

The newly created document type should be linked to the specific archive, which is used to store DIRs.

To create a new link follow the steps outlined below:

Access the menu: Tools → Business documents → Basic Settings
 → Links or use the transaction oac3. The following screen is displayed:

<u>T</u> able view	<u>E</u> dit <u>G</u> oto <u>s</u>	Selection crite	eria <u>U</u> til	ities Syste	m <u>H</u> elp		SAP
2		I (😋 🤅	3 🐼 🖴	出品	🏵 🏵 🗘 🕄 🔣 🖉	
Display V	/iew "Link	s for exte	ernal s	storage	systen	n": Overview	
Obj. type	Doc.type	SArchive	Link	Ret.per.			
AMDOC	AMIDOCUM	X D3	TOA01	0			
AMDOC	AMIDOCUM	Z ZZ	TOA01	0			
ARCHIVE	ARCHIVE	3 D1	TOA01	0			
ARCHIVE	ARCHIVE	X D3	TOA01	0			
ARCHIVE	ARCHIVE	Z ZZ	TOA01	0			
ARCHIVE	HRIAPPLICA	X D3	TOAHR	0			
ARCHIVE	ZAKREO	X AK	TOA01	0			
ARCHIVE	ZARREO	X AR	TOA01	0			
ARCHIVE	ZB1RE0	X B1	TOA01	0			
ARCHIVE	ZB2RE0	X B2	TOA01	0			
ARCHIVE	ZB3RE0	Х ВЗ	TOA01	0			
ARCHIVE	ZB4RE0	X 84	TOA01	0			
ARCHIVE	ZK1RE0	X K1	TOA01	0			
ARCHIVE	ZK2RE0	Х К2	TOA01	0			
ARCHIVE	ZM2RE0	X M2	TOA01	0			
		• •			• •		
		<u></u> ЕР	osition			Entry 1 of 495	
						FN1 (2) (800)	🔚 fnetsap INS 🖉

- Click Table view → Display → Change menu to switch to Change mode,
- 3. Click Edit → New entries menu. The following screen is displayed:

区 <u>T</u> able view <u>E</u> dit <u>G</u> ot	to <u>S</u> election criteria <u>U</u> tilities S <u>y</u> stem <u>H</u> elp	SAP
Ø	🛯 🗸 📙 (😋 🚱) 📮 🗒 🎼 (巻) 🏝 (巻) 🔛 🖉	
New Entries: De	tails of Added Entries	
🎾 🗟 🗟		
Object type	a	
Document type		
Status		
Content server		
Link		
Retention per.		
	D FN1 (2) (80	10) 🖻 fnetsap INS 🥢

4. Enter the following values for the new link:

Setting	Remark
Obj. Type	Refers to the object type. Enter the values as DRAW.
Doc. Type	Refers to the document type created.
S	Refers to the SAP ArchiveLink status. Enter ${f X}$ to activate the entry.
Archive	Refers to the archive.
Link	Selects a link table. Reference from objects or business objects to stored documents, is managed in Link Tables. SAP ArchiveLink predefines these tables.
Ret.per	Specifies the retention Period. Retention Period refers to the number of months after which an entry for a stored document can be removed from a link table.

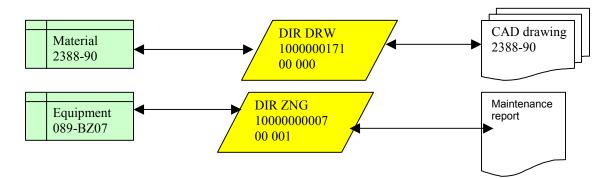
- 5. Click **Save** to save the settings.
- 6. Enter the change request information, depending on SAP R/3 system administrative customization.

6 SAP DMS Functionality

Functionality within the SAP R/3 System

Each SAP R/3 system comes with a built-in document management system. SAP R/3 offers no functionality to store documents, such as PDF files, Word files, and AutoCAD files. SAP R/3 offers functionality to organize documents and connecting document files from external repositories to objects within SAP R/3.

The base unit of SAP R/3 document management system is Document Info Record (DIR). DIR is a meta data record, which provides information about a document. A DIR can be connected to SAP R/3 master record, depending on the DIR type, and an external document file. The external document can be a file in a file system, such as on a local hard disk, a file available through FTP, for example, in an FTP server known as vault, or an object in an optical archive available through the ArchiveLink interface. This means that DIR acts as a connector between SAP R/3 master data and external document files, as shown in the figure below:



7 Attribute and Free Search with the SAP ArchiveLink Viewer

Printlists committed using the Remote Function Call (RFC) can be displayed in SAPGUI but free search and attribute search cannot be performed on them. By customizing an SAP protocol, SAP Archivelink Viewer can also be used to display stored printlists. It can also be used for performing attribute search or free search for printlists. In order to use SAP Archivelink Viewer free search and attribute search, DWSAP release 4.0 component SAPSearch is required.

Following sub-sections describe the steps to prepare and use attribute search with SAP ArchiveLink Viewer:

Background: The search component SAPSearch of DWSAP release 4.0 performs attribute and free searches on printlists stored in Image Service (IS). Search requests are issued from SAP ArchiveLink Viewer to ArchiveLink DLL of the client component. The DLL passes search requests to the Search Component on a server. Communication between the ArchiveLink DLL and the SAPSearch Component occurs through Remote Procedure Call(RPC).

Beginning with ArchiveLink 4.5, attribute and free search requests are issued by R/3 application server, and sent directly to the Server Components, through HTTP.

SAP ArchiveLink Viewer

SAP ArchiveLink software is part of the SAP Presentation client software. If ArchiveLink is already installed, it resides in archlink-directory below the SAPGUI software. To check that all ArchiveLink viewer is properly installed, run **alviewer.exe** from the archlink subdirectory. If ArchiveLink is correctly installed, the viewer is launched containing no document.

Note: As the SAP ArchiveLink Viewer will not be developed any further, SAPGUI version 4.5 is the last version, which delivers the ArchiveLink Viewer.

SAP Customizing

To customize an SAP archive for displaying the print lists in ALViewer, a new RFC protocol has to be defined and customized for using **ALVIEWER** application.

The following steps explain how to create a new customized RFC protocol:

1. Go to transaction **oaa3.** The following screen appears:

Ler Log <u>E</u> dit	Goto S	ystem <u>H</u> elp	SAP	
🕑		🗎 🔍 📙 I 🚱 🚱 I		
SAP Arc	hiveLi	nk: Communications in	terface administ	
12	1	« 🕄 🖻 🖶		
Protocol	Version	Description	Used in st. systems	
ARCHFILE	0030	DATEIARCHIV (NUR FÜR DEMOS)	lised	
DWALVRFC	0030	RFC PROTOCOL	Not used in any st. system	
DWDEFAUL	0031	DEFAULT	Not used in any st. system	
DWHTTP	0045	PROTOCOL FOR HTTP CONNECTIO		
DWRFC	0031	TESTING RFC CONNECTION	Used	
DWRFCDSK	0031	IDM DESKTOP FOR R/3	Used	
DWTEST	0031	PROTOCOL FOR STR 57813	Used	
HTTP_PR0	0045	HTTP COMMUNICATION	Not used in any st. system	
NOACTION	0045	NO ACTION PROTOCOL	Used	
N_ACTION	0045	NO ACTION PROTOCOL	Used	
RFC2.1	0021	RFC 2.1	Not used in any st. system	
RFC3.0	0030	RFC 3.0	Not used in any st. system	
RFC3.1	0031	RFC 3.1	Not used in any st. system	
RFCOLE21	0021	RFC UND OLE 2.1	Not used in any st. system	
RFCOLE30	0030	RFC UND OLE 3.0	Not used in any st. system	
RFCOLE31	0031	RFC UND OLE 3.1	Not used in any st. system	
SAPAL	0030	DEFAULT	Not used in any st. system	▼
• •			••	
			👂 OAA3 🔚 fnetsap OVR	7
			I Intersalp Ovik	7/1.

2. Choose Log → Create menu to create a new protocol. The following screen is displayed:

🖻 Create new protocol			
Protocol	ALVIEWER		
Version	0031		
Description	Protocol for ALVIEWER		
2 🛛 🗙			

3. Enter the protocol name, version and description as shown in the above screen and click **Continue** to return to SAP ArchiveLink Communication interface administration screen.

Protocol Ve	ersion Desci 031 PROTI			dm	ninist		[
Protocol Ve	ersion Desci 031 PROTI	1 🖻 🖶					
Protocol Ve	ersion Desci 031 PROTI		Used in s	t s	votomo		
	031 PROT(ription	Used in s	t s	vetere		
	031 PROT(ription	Used in s	t s	vetome		
ALVIEWER 💷					ystems		Ľ
		OCOL FOR ALVIEWER	Used				
	030 DATE:	IARCHIV (NUR FÜR DEMOS)					
		PROTOCOL	Not used	in a	nv st.	svstem	
WDEFAUL 00	031 DEFAI	ULT	Not used				
OWHTTP 00	045 PROTI	OCOL FOR HTTP CONNECTIO	Used				
OWRFC 00	031 TEST	ING RFC CONNECTION	Used				
OWRFCDSK 00	031 IDM I	DESKTOP FOR R/3	Used				
WTEST 00	031 PROTI	OCOL FOR STR 57813	Used				
HTTP_PRO 00	045 HTTP	COMMUNICATION	Not used	in a	iny st.	system	
NOACTION 00	045 <mark>NO AI</mark>	CTION PROTOCOL	Used				
N_ACTION 00	045 <mark>NO AI</mark>	CTION PROTOCOL	Used				
	021 RFC :		Not used	in a	iny st.	system	
	030 RFC (- · -	Not used	in a	iny st.	system	
	031		Not used				
		UND OLE 2.1	Not used				
		UND OLE 3.0	Not used				
RFCOLE31 00	031 <u>RFC I</u>	UND OLE 3.1	Not used	in a	iny st.	system	
• •						•	Þ
			D OA	A3 🕨	🗐 fnets	ap OVR	

 Choose the ALVIEWER protocol and select Edit → Change. Following screen is displayed:

Lez Log <u>E</u> dit Goto S <u>y</u> stem <u>H</u> elp	
🕑 🛛 🖉	
SAP ArchiveLink Protocol	s: Overview of Pro
Application maintenance	
ALVIEWER	0031 PROTOCOL FOR ALVIEWER
Copied by BASIS	on 06.03.2003 at 16:20:
Functions	
Display stored document	
-Retrieval for frontend	
Display local file	
Archive from frontend	
-Store file on frontend	-
Store file from frontend	
	D OAA3 ा fnetsap OVR

5. Select **Display stored document** function and click **Edit** → **Change** menu. The following screen is displayed:

L⊑ Log <u>E</u> dit Goto System <u>H</u>	
Ø	
SAP ArchiveLink Pro	tocols: Overview of Pro
Function: Display stored doc	ument
Document classes	
0 *	Not maintained explicitly (standard)
0 123	Not maintained explicitly (standard)
ALF	Not maintained explicitly (standard)
⊖ BIN	Not maintained explicitly (standard)
O BMP	Not maintained explicitly (standard)
O DOC	Not maintained explicitly (standard)
DOT	Not maintained explicitly (standard)
O ES	Not maintained explicitly (standard)
⊖ FAX	Not maintained explicitly (standard)
O GIF	Not maintained explicitly (standard)
O HTM	Not maintained explicitly (standard)
	N 1 = 4
	D OAA3 🖪 fnetsap OVR 🦯

6. Choose ALF document class and select **Edit** → **Change**, the following screen appears:

🖙 SAP ArchiveLink Protocols: Overview of Protocol				
Function	Display stored document			
Doc.class	*			
CommunicationType	OPEN			
	OLE			
Application	ALVIEWER 🕜			
Continue 🔀				

7. Enter the **Communication Type** as OPEN, alternatively, it can be chosen from the possible entries list by pressing **F4** key. Enter the

Application name as **ALVIEWER** and click Continue to back to the over view of protocols screen. Press **Save**.

To customize an archive for using **ALVIEWER** protocol, go to **oac0** transaction and change the protocol to **ALVIEWER**.

Configuring ALViewer

To set up an SAP ArchiveLink software, use **setup_al.exe** program, which resides in the archlink subdirectory of SAPGUI software. Each archive must be registered to ArchiveLink.

Complete the following fields for each archive:

- Archive ID:Two-character code identifying an archive system connected to an SAP R/3 system. This must match an Archive ID defined inside an SAP system.
- Link DLL: Path and file name of the Archive DLL used by an SAP ArchiveLink to access documents stored on the archive system. This must point to the ldmForR3.dll, which is provided with FileNet DWSAP and is installed in the IDM Desktop for R/3 directory (default: C:\Program Files\FileNet\IDMForR3\).

Note: The Link DLL entry field in the setup program allows only entering paths up to 52 characters in length. If it is necessary to enter a longer path change the values directly in the ALViewer.ini and ArchLink.ini files.

[ALViewer]

Archives=X1

Path=C:\Program Files\SAPpc\ARCHLINK

```
[Archive-X2]
```

```
ArchiveLinkDLL=C:\programfiles\FileNet\IDMForR3\IDMfor
R3.DLL
```

To see the location of the ALINKLOG.txt and the log level, check the following entry in the ALViewer.ini and ArchLink.ini :

```
[Logging]
LogFile=c:\logs\ALINKLOG.TXT
MaxFileSize=1000000
LogLevel=6
```

Installing of SAPSearch

To use the SAP ArchiveLink Viewer to search in print lists, Windows NT Service **SapSearch** or UNIX daemon **Search** of DWSAP 4.0 should be used, and kept running.

It is not possible to run **SAPSearch** on DWSAP 5.x server anymore. This means, install it on IDM Image Services Server, or any other stand-alone server.

Note: WAL 3.4.0 with SP1, which is now referred to as Image Services Toolkit, should be installed on the machine as well.

Appendix A – OSS Notes

As Document Warehouse for SAP is an interface between FileNet Libraries and an SAP system, certain issues can occur without finding the reason for it within Document Warehouse for R/3. During testing, certain issues with SAP R/3 have been observed. Consult the following SAP OSS notes for the required SAP coding corrections:

- # 0193715 In 4.6B system, OLE calls do not work for an RFC archive. Error message: "The content repository is not configured completely." # 0357207 In 4.6B to 4.6D systems, attribute search in printlists does not work. Error message: "No attribute information available." or an endless loop in SAPGUI occurs. # 0368569 In 4.6A to 4.6C systems, in transaction FB03, existing document links are not available. # 0144097 In 4.5B, Files which are stored by the application server via HTTP, are not accessible. The problem
- does not occur there if the document class FAX or ALF is used.
- # 0164203 No specific SAP release. Problems with SAPHTTP Customer's help for how to use HTTP Tracefiles
- # 0387010 In 4.6D system, SAPHTTP generates Dr. Watson errors.

SAPHTTP is terminated and the following error message appears:

Exception number: c0000005 (access violation)

Tip: While using the search mask of SAP Notes, enter search key words such as SAPHTTP or ArchiveLink for receiving a result with more helpful information regarding SAP and ArchiveLink.

Appendix B – Software License Agreement

FileNet End User Software License Agreement

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