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How to Quickly Create Custom Applications in SharePoint 2010 or 2013 without Custom Code

*A Guide through
Web Parts in QuickApps
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AgreeYa Software*



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What is QuickApps?

AgreeYa QuickApps enables users to quickly create custom applications in SharePoint 2010 or 2013 — such as charts, forms and dashboards - without the cost and burden of custom code. The easy-to use configuration tool provides pre-developed web parts, which remove the need for expensive customization

Because custom applications and solutions built with Quick Apps are code free, they can be easily supported, maintained and upgraded in order to ensure long-term impact and return on investment. Quick Apps web parts can be utilized by both IT workers that need to create quick solutions as well as non-technical workers with a specific use case in mind for a new application.

qListView web part

View, group and filter SharePoint data in relevant and meaningful ways that are not possible out-of-the-box and without writing a single line of code. For example, you can roll up information from multiple SharePoint lists, sites, site collections and web applications.

Advantages over native SharePoint

- Customize the look and feel by using pre-packaged skins or by creating a custom skin
- Export list view data into Microsoft Word, Microsoft Excel, PDF or CSV formats
- Configure parent-child relationships in a two-level hierarchical list view
- Create complex filters and sort list view data in meaningful ways
- Unlimited grouping
- Point and click roll up of data in multiple lists
- Point-and-click CAML filtering editors for both list items and folders



Research by TechValidate

Code-free SharePoint List Rollups

"We significantly reduced the amount of custom code and technical solutions needed to provide rollups and charting within our SharePoint intranet site. Multiple power users are now building out enhancements to their sites using the qListView web part. This would have required a developer working with the business in each example in the past."

Source: IT Manager, Medium Enterprise Insurance Company

www.techvalidate.com/product-research/dell-windows

TVID: E21-089-6BA

qListView - Key Performance Indicator + Grouping Example

Title	Severity	Software Solution	Priority	Assigned To
Ticket Type: Error				
Status: (1) Active				
User Mapping Error	(2) Work Slowed Down	Spotlight	(1) High	
Ticket Type: Other				
Ticket Type: Question				
Status: (0) New				
Status: (3) Closed				
Unable to Clone Unique Permissions	(3) Annoyance	Site Admin for SharePoint	(2) Normal	Ghazwan
Ticket Type: Software Crash				
Status: (1) Active				
Keeps Crashing my System	(1) Work Halted	TOAD	(1) High	Corey
Status: (3) Closed				
Ticket Type: Software Defect				

qListForm web part

Deliver powerful SharePoint forms easily using point-and-click configuration, instead of custom code, to accelerate time-to-delivery by up to 80 percent.

Advantages over native SharePoint

- Group multiple form fields into tabs to maximize valuable screen space and eliminate the need for scrolling north and south on a page
- Create, display and edit list data across different sites, site collections or web applications
- Show and hide parts of a form dynamically based on rules such as a user's role or group
- Ensure master-detail relationships between form fields (for example, State filters County)
- Form fields can be lookup or cross-site lookup columns
- Enable AutoPostBack to ensure a form refreshes when a user changes a selected item in a lookup field or cross-site lookup field
- Update entries in one or more dependent lists across sites
- Redirect users to specific pages after saving information

The screenshot shows a SharePoint form titled "New Customer Service Ticket". At the top, there are "Save and Close" and "Cancel" buttons. Below the title bar, there are tabs for "Summary", "Ticket Information", "Customer Follow Up", "Purchasing", and "Internal Notes". The "Purchasing" tab is currently selected. The form contains several fields: "SLA Due Date" with a date picker (MM/DD/YYYY), "External Groups" with a dropdown menu (Group 2), "Purchase Required" with a checked checkbox, "International Customer" with a checked checkbox, "Purchasing Contact" with a text input field, and "Purchasing Notes" with a rich text editor. The rich text editor has a toolbar with various formatting options and a status bar at the bottom showing "Words: 0 Characters: 0". At the bottom of the form, there is a "Business Unit" dropdown menu (BU 3) and another "Save and Close" and "Cancel" button.



Research by TechValidate

Enabling Show/Hide Form Behavior Quickly and Easily

"UI capabilities were improved with Quick Apps to allow less cluttered SharePoint forms using the Show When, Hide When, Enable When, Disable When, Require When capabilities."

Source: IT Professional, Large Enterprise Consumer Products Company

www.techvalidate.com/product-research/dell-windows

TVID: B2F-A2C-C58

qChartView web part

Easily create visually compelling SharePoint charts and dashboards that include dynamic filtering, drill-down reporting and a rich user experience. Given that there is no native chart web part in SharePoint 2013, QuickApps charting solutions are ideal for BI and dashboard scenarios.

Advantages over native SharePoint

- Chart data from across multiple SharePoint lists, sites, site collections and web applications
- Customize chart elements such as fonts, labels, backgrounds, canvas, logos, tooltips and much more to create a rich user experience
- 30 plus chart types to satisfy a wide range of visual, BI and dashboard requirements
- Accepts filtering values from other Quick Apps web parts that allow for powerful dashboarding capabilities

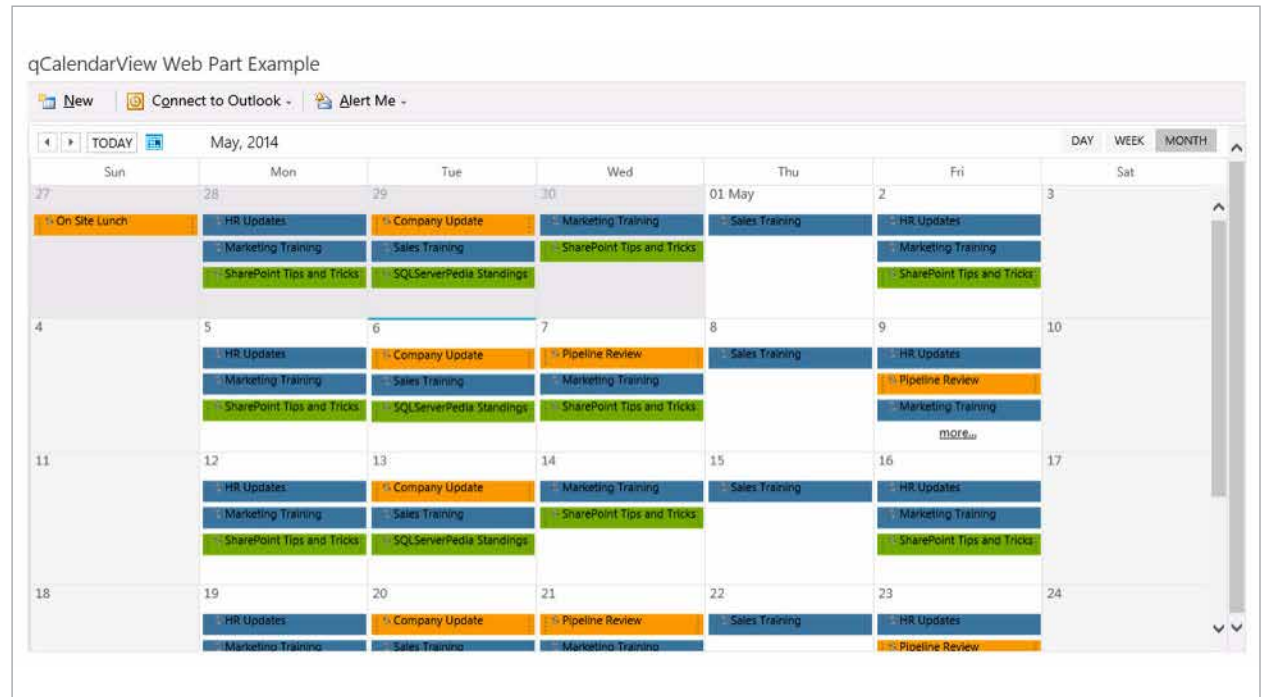


qCalendarView web part

Combine all your calendars into one view, including data from non-calendar lists.

Advantages over native SharePoint

- Roll up multiple calendars across different sites into a single view
- Configure event color coding based on SharePoint list name
- Enables users to drag and drop an event to another time slot in the calendar, and change the end time of an event by dragging the bottom of the event up or down
- Enables users to delete an event or an instance of a recurring event by simply clicking the red “X” icon on the selected event

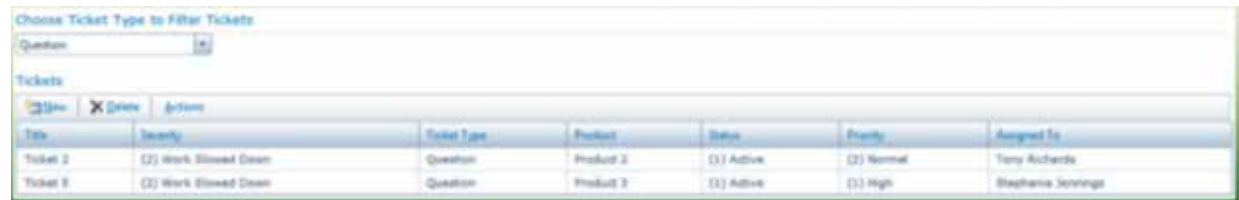


qSelector web part

Filter qListView and qChartView data you see on a page using a drop-down list of values.

Advantages over native SharePoint

- There's no native drop-down control available in SharePoint
- Filter qListView and qChartView web parts quickly and easily for dashboard scenarios



Choose Ticket Type to Filter Tickets

Question

Tickets

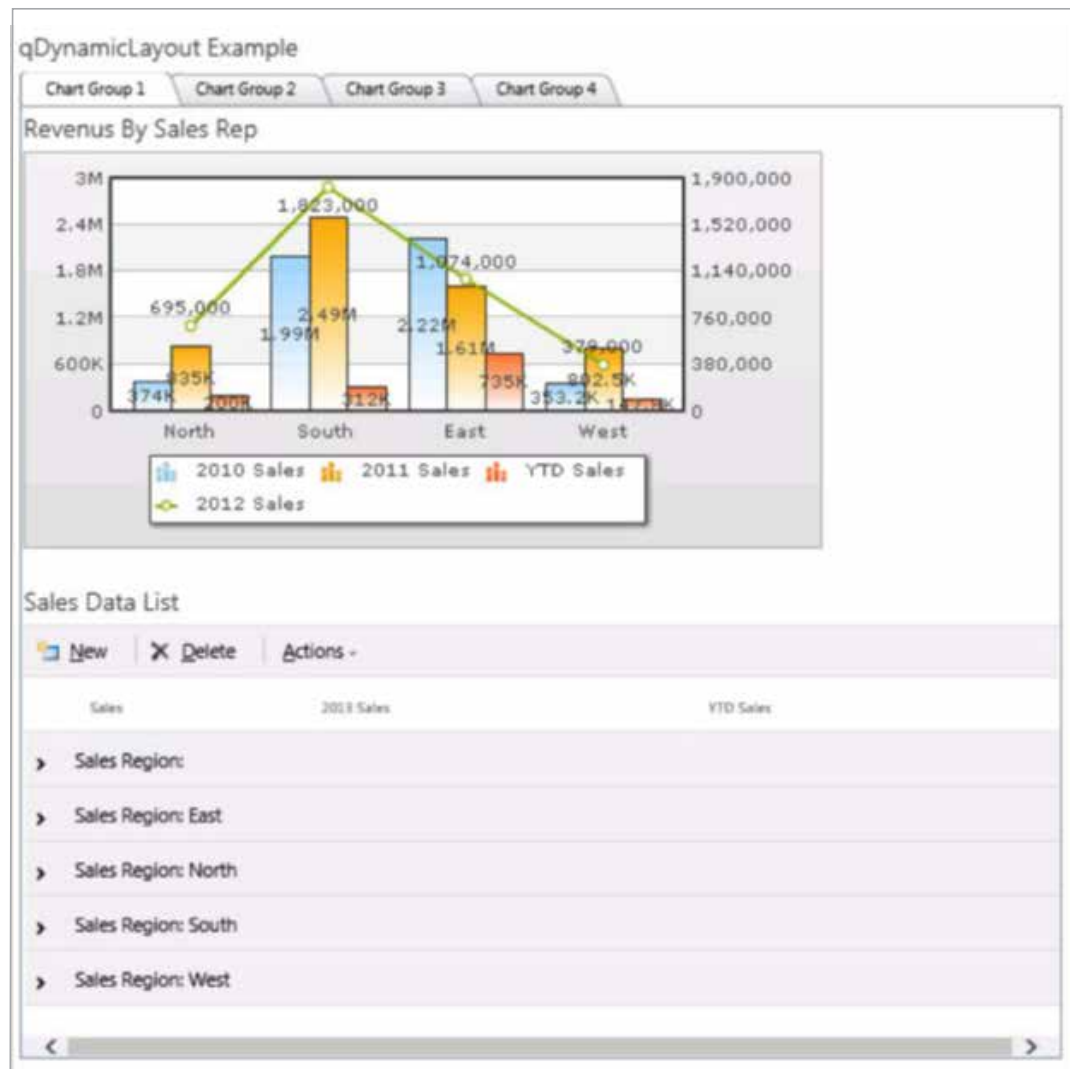
Title	Severity	Ticket Type	Product	Status	Priority	Assigned To
Ticket 1	(2) Work Slowed Down	Question	Product 1	(1) Active	(2) Normal	Tony Richards
Ticket 2	(2) Work Slowed Down	Question	Product 2	(1) Active	(1) High	Stephanie Jennings

qDynamicLayout web part

Display multiple web parts on a page efficiently using tabs to maximize valuable screen real estate, resulting in a clean and flexible site layout that meets your unique business needs.

Advantages over native SharePoint

- Group web parts into tabs to save valuable screen real estate when multiple web parts are needed on a page
- Can be applied to existing “busy” pages or on a new page
- Improves mobile/tablet viewing of pages with multiple web parts



qPanelMenu web part

Replace native SharePoint navigation and drastically improve site navigation using intuitive collapsible menus that can be managed from a central SharePoint list.

Advantages over native SharePoint

Advantages over native SharePoint

- Centrally manage navigation information in a single SharePoint list
- A SharePoint list used to configure the menu can be used to generate both the Panel Menu and the Cascading Menu
- Apply pre-packaged skins to customize the look and feel
- Hide or show menu elements dynamically based on a user's group or permissions
- Menu web parts can be added to a master page to fully standardize use across all pages

qPanelMenu Web Part Example

Home	
Data & Media	▼
Forms	▲
qListForm Web Part	▼
qSListForm Web Part	
Charting	▲
qChartView Web Part	
qSIChartView Web Part	
Calendaring	▼
Navigation	▼
Management	▼
System Integration	▼
product references	▼

qCascadingMenu web part

Replace native SharePoint navigation and drastically improve site navigation using a multi-level cascading menu bar across the top of your page that occupies minimum screen real estate.

Advantages over native SharePoint

- Centrally manage navigation information in a single SharePoint list
- A SharePoint list used to configure the menu can be used to generate both the Panel Menu and the Cascading Menu
- Apply pre-packaged skins to customize the look and feel
- Hide or show different menus dynamically based on a user's group or permissions
- Menu web parts can be added to a master page to fully standardize use across all pages
- Customize source data column names and add field descriptions using plain text or HTML
- Developers can create custom actions that execute logic written in any .Net language

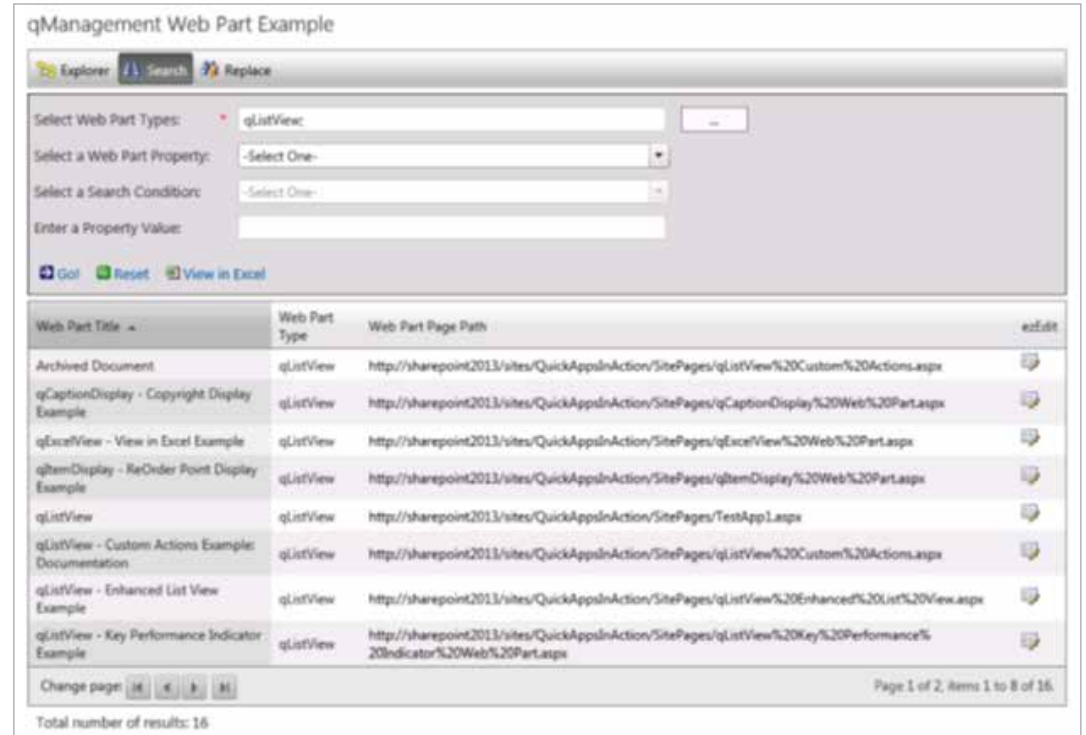


qManagement web part

Manage Quick Apps web part configurations centrally from a single site, reducing your time and effort spent on maintenance and updates. You can perform administrative tasks without elevated farm-level permissions, such as quickly searching and filtering on all web part instances to discover where they are being used and who's using them, and making bulk updates to web part properties such as UI elements or skins.

Advantages over native SharePoint

- Manage all Quick Apps web parts centrally from a single SharePoint page
- Avoid the need manually update multiple sites across multiple web parts using SharePoint Designer
- Easily make bulk updates to Quick Apps web part string properties
- Easily navigate the SharePoint site collection hierarchy
- Search for one or more web parts
- Monitor Quick Apps adoption by viewing each web part instance by site



The screenshot displays the 'qManagement Web Part Example' interface. At the top, there are navigation buttons for Explorer, Search, and Replace. Below this is a search and filter panel with the following fields:

- Select Web Part Types: qListView
- Select a Web Part Property: -Select One-
- Select a Search Condition: -Select One-
- Enter a Property Value: (empty text box)

Below the search panel are buttons for Go!, Reset, and View in Excel. The main content area is a table with the following columns: Web Part Title, Web Part Type, Web Part Page Path, and edit.

Web Part Title	Web Part Type	Web Part Page Path	edit
Archived Document	qListView	http://sharepoint2013/sites/QuickAppsInAction/SitePages/qListView%20Custom%20Actions.aspx	[edit icon]
qCaptionDisplay - Copyright Display Example	qListView	http://sharepoint2013/sites/QuickAppsInAction/SitePages/qCaptionDisplay%20Web%20Part.aspx	[edit icon]
qExcelView - View in Excel Example	qListView	http://sharepoint2013/sites/QuickAppsInAction/SitePages/qExcelView%20Web%20Part.aspx	[edit icon]
qItemDisplay - ReOrder Point Display Example	qListView	http://sharepoint2013/sites/QuickAppsInAction/SitePages/qItemDisplay%20Web%20Part.aspx	[edit icon]
qListView	qListView	http://sharepoint2013/sites/QuickAppsInAction/SitePages/TestApp1.aspx	[edit icon]
qListView - Custom Actions Example: Documentation	qListView	http://sharepoint2013/sites/QuickAppsInAction/SitePages/qListView%20Custom%20Actions.aspx	[edit icon]
qListView - Enhanced List View Example	qListView	http://sharepoint2013/sites/QuickAppsInAction/SitePages/qListView%20Enhanced%20List%20View.aspx	[edit icon]
qListView - Key Performance Indicator Example	qListView	http://sharepoint2013/sites/QuickAppsInAction/SitePages/qListView%20Key%20Performance%20Indicator%20Web%20Part.aspx	[edit icon]

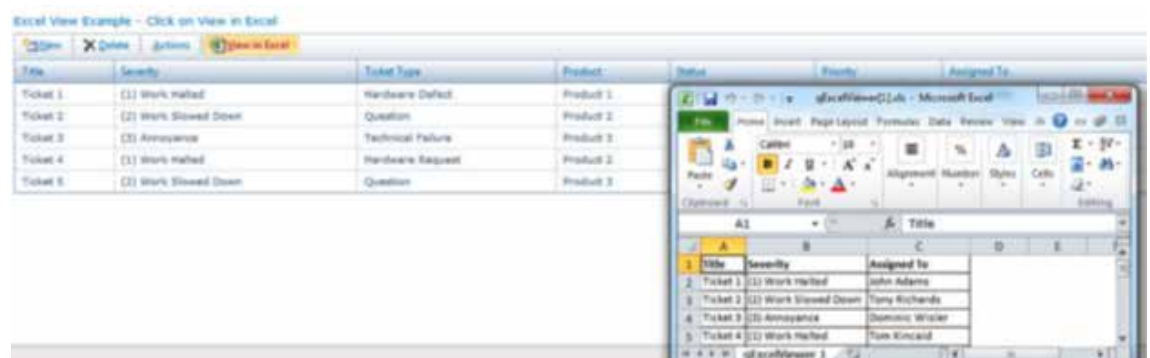
At the bottom of the table, there is a pagination control showing 'Page 1 of 2, Items 1 to 8 of 16' and a 'Total number of results: 16'.

qExcelView web part

View data in Microsoft Excel based on criteria passed from the qListView web part even when that data is not shown in qListView

Advantages over native SharePoint

- Natively, you can only export the currently displayed columns

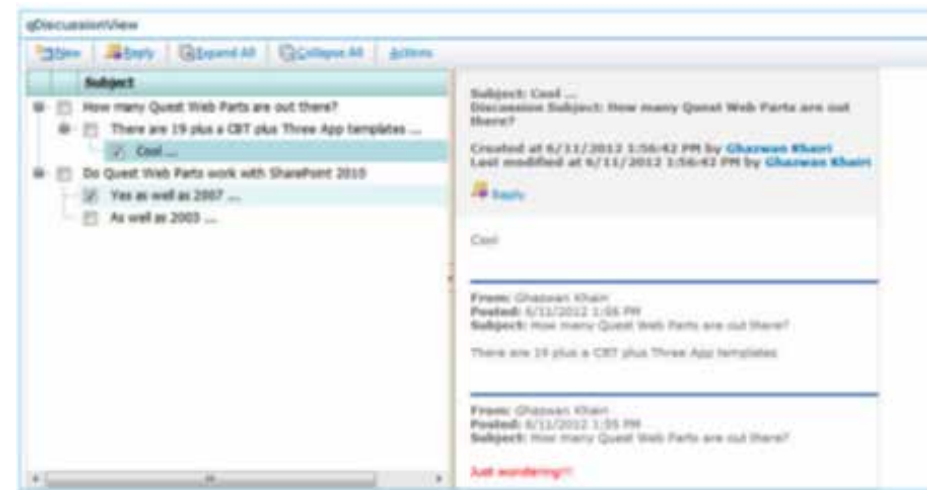


qDiscussionView web part

Enhance your SharePoint discussions by creating multi-threaded conversations that are easy to follow. View the topic and responses of multiple discussion lists in a single tree view and preview the selected item in a preview panel.

Advantages over native SharePoint

- Native discussion boards seem almost to discourage discussion, as threads are poorly displayed and categorized
- More intuitive user interface
- Ability to add a discussion view to a page zone verses having it take up the entire page

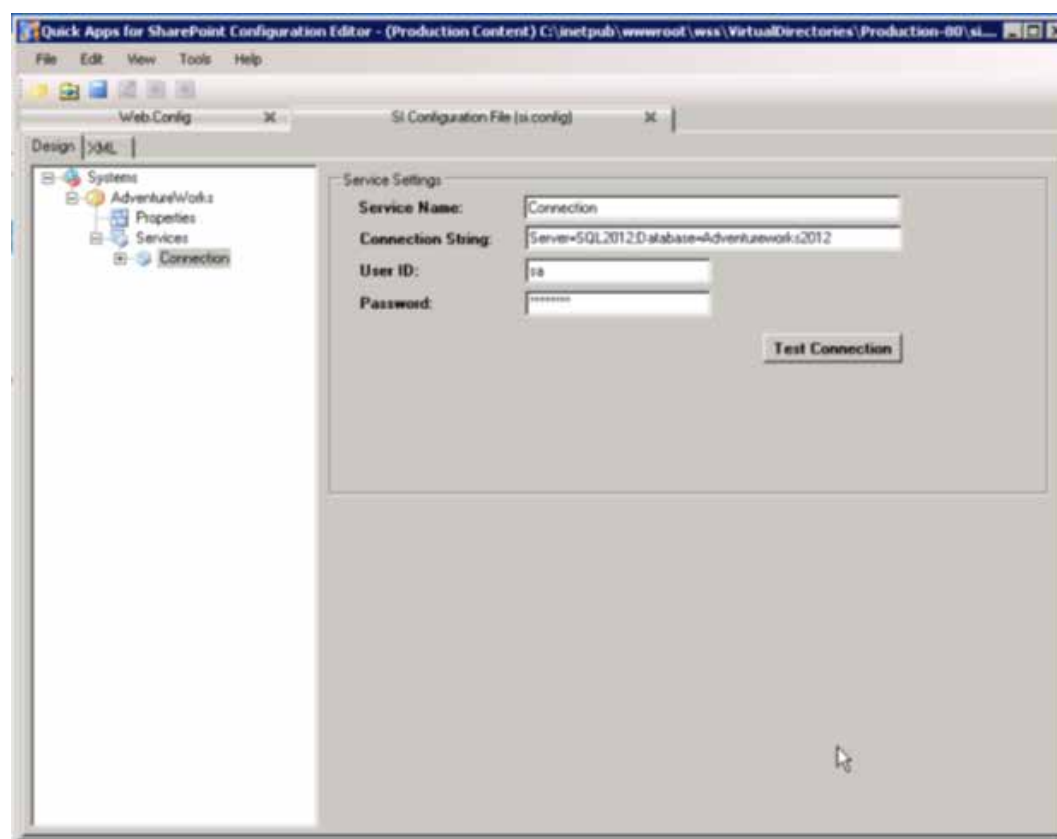


System Integration (SI) web parts

Eliminate islands of critical information in your organization by connecting line-of-business systems within SharePoint to improve collaboration, streamline business processes and maximize the return on your SharePoint investment. With QuickApps, you can connect with SQL Server, SAP, Oracle, Salesforce.com and Web services without the time and burden of custom code. This enables users to view, create and edit data from anywhere in the organization within SharePoint.

Advantages over native SharePoint

- Use a code-free configuration editor that allows users to connect to external data sources quickly and easily
- Enable non-technical users to easily connect with external systems; multiple domain experts are not required
- Build connected applications & dashboards with external data sources (BCS can't do out of the box)



qSIListView web part

Display data from external data sources in a grid and experience the data roll up, grouping and filtering benefits offered with qListView.

Advantages over native SharePoint

- Point and click roll up of data in multiple lists
- Unlimited grouping
- Configure parent-child relationships in a two-level hierarchical list view
- Create complex filters and sort list view data in meaningful ways
- Export list view data into Microsoft Word, Microsoft Excel, PDF or CSV formats
- Customize the look and feel by using pre-packaged skins or by creating a custom skin
- Point-and-click CAML filtering editors for both list items and folders

qSIListView - SQL Server Integration Example

Create Review							
Edit Review	ProductReviewID	ProductID	ReviewerName	ReviewDate	EmailAddress	Rating	Comments
Edit Review	27	1	Ghazwan Kahri	6/11/2013 12:00:00 AM	ghazwan@company.com	3	comments from SharePoint
Edit Review	28	2	Eric Lawson	6/10/2013 12:00:00 AM	eric@company.com	3	This is good
Edit Review	29	3	Robb Larson	5/10/2013 12:00:00 AM	Robb@company.com	1	This product needs more work
Edit Review	30	4	Beth Piper	6/11/2013 12:00:00 AM	beth@company.com	3	comments from SharePoint
Edit Review	1032	1	Ghazwan Kahri	1/22/2014 11:02:18 PM	ghazwan@company.com	2	The product was acceptable
Edit Review	1033	2	Ghazwan Kahri	1/22/2014 11:04:16 PM	ghazwan@company.com	1	I would buy this product again
Edit Review	1034	2	Eric Lawson	1/22/2014 11:04:42 AM	eric@company.com	3	Loved it

qSIListForm web part

Create, view and edit your external data in a form and save space with the use of tabs. Use the QuickApps form web parts to connect with data from SharePoint and external systems, and extend beyond what's possible natively. Basically all the benefits of the qListForm extend to LOB systems such as SQL Server, SAP, Oracle, Salesforce.com and Web services.

Advantages over native SharePoint

- There is no way to connect to external data sources using the native list form web part, and InfoPath only connects to Microsoft data sources such as SQL Server, but not others such as SAP, Oracle and Salesforce.com.
- Group multiple form fields into tabs to maximize valuable screen space and eliminate the need for scrolling north and south on a page
- Create, display and edit list data across different sites, site collections or web applications
- Show and hide parts of a form dynamically based on rules such as a user's role or group
- Ensure master-detail relationships between form fields (for example, State filters County)
- Form fields can be lookup or cross-site lookup columns
- Enable AutoPostBack to ensure a form refreshes when a user changes a selected item in a lookup field or cross-site lookup field
- Update entries in one or more dependent lists across sites
- Redirect users to specific pages after saving information
- Customize source data column names and add field descriptions using plain text or HTML
- Developers can create custom actions that execute logic written in any .Net language

qSIListForm - Create Product Review in SQL Example

Create Review Cancel

* indicates a required field

K2 Workflow Data	Oracle Data	SQL Server Data	SAP Data	Sale Force D
ReviewerName	Ghazwan Kahri			
ReviewDate	6/11/2013 12:00:00 AM			
EmailAddress	ghazwan@company.com			
Rating	3			
Comments	comments from SharePoint			

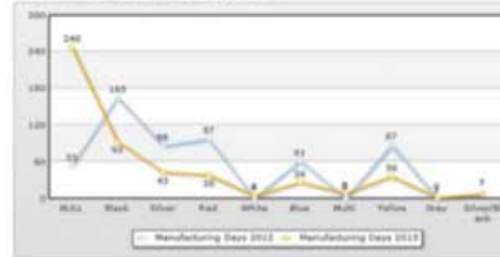
qSIChartView web part

Visualize external data in SharePoint through a compelling 3-D chart or dashboard.

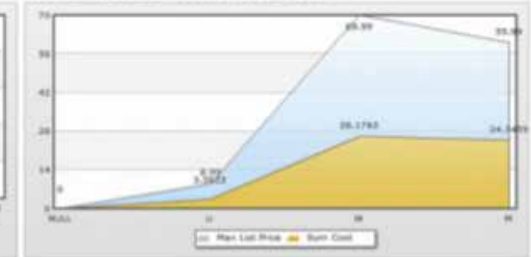
Advantages over native SharePoint

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- Accepts filtering values from other QuickApps web parts that allow for powerful dashboarding capabilities

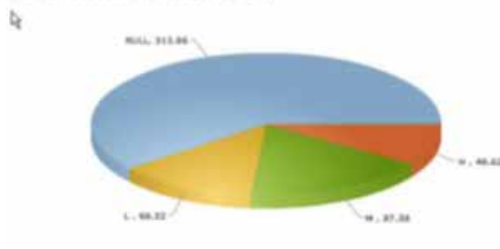
qSIChartView Output Velocity by Year



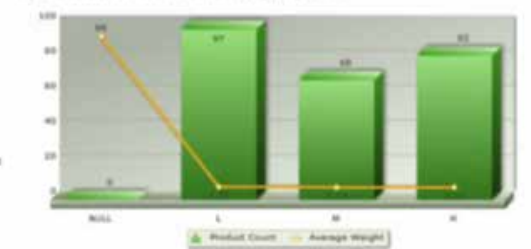
qSIChartView List vs Production Cost by Class



qSIChartView Average Weight by Class



qSIChartView Product Count & Weight by Class



qSISelector web part

Filter qSiListView and qSiChartView data you see on a page using a dropdown list of values.

Advantages over native SharePoint

- There's no native drop-down control available in SharePoint
- Filter qListView and qChartView web parts quickly and easily for dashboard scenarios



The screenshot displays a SharePoint interface. On the left, there is a 'Reviewers' dropdown menu with 'Beth Piper' selected. On the right, there is a 'qSiListView - SQL Server Product Review Example' table. The table has a 'Create Review' button and columns for 'Edit Review', 'ProductID', 'ReviewerName', 'ReviewDate', 'EmailAddress', 'Rating', and 'Comments'. The table contains four rows of review data.

qSiListView - SQL Server Product Review Example						
Create Review						
Edit Review	ProductID	ReviewerName	ReviewDate	EmailAddress	Rating	Comments
Edit Review	4	Beth Piper	6/11/2013 12:00:00 AM	beth@company.com	3	comments from SharePoint
Edit Review	1	Beth Piper	1/22/2014 11:19:38 PM	beth@company.com	1	Had to return the product
Edit Review	2	Beth Piper	1/22/2014 11:09:48 PM	beth@company.com	3	Amazing product
Edit Review	3	Beth Piper	1/22/2014 11:20:03 PM	beth@company.com	2	I've used better

Learn more

You can visit www.quickapps.agreeya.com to:

- Take a virtual trial of the product
- Download a free 30-day trial
- Browse white papers and documentation
- Watch recorded videos and webcasts

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