



PAYE Modernisation

Documentation Guide

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Version
 Version Date

1.0 Release Candidate 2
 17/05/2018

| Version History | | | |
|----------------------------|-------------|---------|---|
| Version | Change Date | Section | Change Description |
| 1.0 Milestone 1 | 17/11/2017 | All | Document published. |
| | | | Audience and Document Context sections added. |
| | | | Changed the sources of the links |
| 1.0 Release Candidate 2 | 17/05/2018 | | Version updated to 1.0 Release Candidate 2 |
| | | | |

Audience

This document is for any software provider who has chosen to build or update their products to allow for PAYE Modernisation.

Document context

This document provides a non-technical overview of how to use Revenue’s PAYE Modernisation documentation.

| Document References | |
|-----------------------|------------------------------------|
| Reference | Document Link |
| 1. Documents Homepage | Documents Homepage |
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1. Introduction

This document is a guide to Revenue’s PAYE Modernisation documentation. It specifies the intended audience of the published documents and provides guidance on how the documents could be used.

2. Using the documents

The collection of documents is divided across four categories and two types:

Table 1

| Category | Type | Audience |
|---|---------------|------------|
| PAYE Web Service Specifications (SOAP/XML) | Technical | Developers |
| PAYE Web Service Specifications (REST/JSON) | Technical | Developers |
| Supporting Documentation | Non-technical | Business |
| PAYE Web Service Examples* | Technical | Developers |

*The [PAYE Modernisation Description Of Web Service Examples](#) PDF may be of interest to non-technical users – it contains business scenarios involving submission, corrections and deletions.

Technical documentation

Our technical documentation is intended for developers and provides technical message flows, SOAP/XML and REST/JSON examples of scenarios, XML schemas and REST API definitions.

PAYE Web Service Examples

The [PAYE Modernisation Description Of Web Service Examples](#) document provides an overview of the example ZIP files. Each zip file contains both XML and JSON requests and responses required to complete the full scenario.

SOAP/XML

If developing for the SOAP/XML API Revenue would see the documentation being used as follows

1. [SOAP Web Service Integration Guide](#) – this will provide a high level technical overview of all of our public APIs as well as a guide to making valid, signed and secure requests. This document can be used to quickly get up to speed with our SOAP API and get a high level view of the capabilities it provides.
2. [SOAP Web Service Integration Guide Examples](#) – this will provide examples of specific scenarios. This document will give a more in-depth view of how our API is intended to work with specific scenario examples.
3. [SOAP Schema Reference](#) – this is documentation generated automatically from the Payroll and RPN WSDL and Schema files. This would be seen as the primary development guide as it combines examples with easy to read versions of our WSDL and schema files.
4. [Payroll Web Service Definition](#) , [RPN Web Service Definition](#) and [Returns Web Service Definition](#) provide Web Service Definition Language specifications of both the payroll and

Revenue Payroll Notification services. These files will give a technical view of what services are being provided and the corresponding request and response types.

5. [Payroll Schema](#), [RPN Schema](#), [Returns Schema](#), and the [Common PAYE Types Schema](#) provide detailed breakdowns of the request and response types used in the WSDL.

REST/JSON

If developing for the REST/JSON API Revenue would see the documentation being used as follows

1. REST API Integration guide - this will provide a high level technical overview of all of our public APIs as well as a guide to making valid, signed and secure requests. This document can be used to quickly get up to speed with our REST API and get a high level view of the capabilities it provides.
2. REST API Integration Guide Examples - this will provide examples of specific scenarios. This document will give a more in-depth view of how our API is intended to work with specific scenario examples.
3. [REST API Reference](#) – this provides a complete, searchable reference for all API lookups and responses
4. [REST Open API Specification](#) – this file is the Open API specification file. This file should be compatible with any Open API capable viewer

Business documentation

Our business documentation is intended to provide additional context for technical users as well as information for business users on the data that Revenue will be collecting and providing to run payroll and how this data will be validated. These documents are not intended to be comprehensive as they only refer to items with a business use and/or a specific validation rule.

Business documentation is made up of the three documents under the Supporting Documentation category:

- [Payroll Submission Request: Data Items](#)
- [RPN Response: Data Items](#)
- [Returns and Reconciliations: Data Items](#)
- [Validation Rules: Employer Submission And RPN](#)

Additionally the [PAYE Modernisation Description Of Web Service Examples](#) may be of some interest to business users.

3. Version Strategy

Our versioning strategy for both documents and schemas is as follows

- Updates before our Public Interface Testing release at the end of March 2018 would increment the version to “1.0 Milestone 2” etc.
- On the release of our services to PIT documents and schemas would update to version “1.0 Release Candidate 1”
- This change in version denotes that the services have passed internal testing and are available for public testing

- Any updates between the PIT release and go-live would increment the version to “1.0 Release Candidate 2” etc.
- The live release will change the version to “1.0 Final”