|  |  |  |  |
| --- | --- | --- | --- |
| black_header_in_1cm | | | |
|  | |  |  |
| Standard Business Reporting  Australian Taxation Office  TFN Declaration (TFND.0004) 2017 Package v1.0 Contents    Date: 7th February 2019 | | | |
|  | | | |
| attention_pms This document and its attachments are **Unclassified** | direction_pms **For further information or questions, contact the SBR Service Desk at** [SBRServiceDesk@sbr.gov.au](mailto:SBRServiceDesk@sbr.gov.au) **or call 1300 488 231. International callers may use +61-2-6216 5577** | | |
|  |

VERSION CONTROL

| Version | Release date | Description of changes |
| --- | --- | --- |
| 1.0 | 07/02/2019 | Marking the document as final with no functional changes. |
| 0.1 | 27/07/2017 | Initial release. |

|  |  |
| --- | --- |
| ENDORSEMENT  APPROVAL | |
|  | Chief Solutions Architect  Standard Business Reporting |
| Michael Ferris | Project Manager  Strategic Web Services  Australian Taxation Office |

Copyright

© Commonwealth of Australia 2017 (see exceptions below).  
This work is copyright. Use of this Information and Material is subject to the terms and conditions in the "SBR Disclaimer and Conditions of Use" which is available at [http://www.sbr.gov.au](http://www.sbr.gov.au/). You must ensure that you comply with those terms and conditions. In particular, those terms and conditions include disclaimers and limitations on the liability of the Commonwealth and an indemnity from you to the Commonwealth and its personnel, the SBR Agencies and their personnel.   
   
You must include this copyright notice in all copies of this Information and Material which you create.  If you modify, adapt or prepare derivative works of the Information and Material, the notice must still be included but you must add your own copyright statement to your modification, adaptation or derivative work which makes clear the nature of your modification, adaptation or derivative work and you must include an acknowledgement that the adaptation, modification or derivative work is based on Commonwealth or SBR Agency owned Information and Material. Copyright in SBR Agency specific aspects of the SBR Reporting Taxonomy is owned by the relevant SBR Agency.

Table of contents

[1 Introduction 4](#_Toc536003328)

[1.1 Document Purpose 4](#_Toc536003329)

[1.2 Audience 4](#_Toc536003330)

[1.3 Purpose of this package 4](#_Toc536003331)

[1.4 Summary of artefacts the ATO packAges 4](#_Toc536003332)

[1.4.1 In general 4](#_Toc536003333)

[1.4.2 XML Schema Generation Algorithm 4](#_Toc536003334)

[1.4.3 Services 5](#_Toc536003335)

[1.4.4 Interactions 5](#_Toc536003336)

[1.4.5 Package artefact status description 6](#_Toc536003337)

[2 Package contents 7](#_Toc536003338)

[3 C# changes 8](#_Toc536003339)

[3.1 Technical changes 8](#_Toc536003340)

[3.2 Event message changes 8](#_Toc536003341)

[4 Known issues and future scope 9](#_Toc536003342)

1. **Introduction**
   1. Document Purpose

The purpose of this document is to advise software developers of the package contents for Standard Business Reporting (SBR) Tax File Number Declaration (TFND) 2017 provided by the Australian Taxation Office (ATO).

* 1. Audience

The audience for this content note is software developers who have or are interested in developing the TFND.0004 2017 service on the SBR ebMS3 Services platform in the XML format.

* 1. Purpose of this package

The purpose of this release is to streamline the way message artefacts are presented to software developers

All relevant message artefacts that comprise the TFND.0004 2017 service are contained within one zip file. The package will be versioned up each time artefacts are added or updated.

* 1. Summary of artefacts the ATO packAges
     1. In general

For each service, the following artefacts may be released under this package title:

* Message Repository
* Message Structure Tables (MSTs),
* Contract schemas and samples,
* Validation Rules (VRs) and
* Rule Implementation zip file (C#)

***Note:***

The first PCN released outlines the expected artefacts to be within the package at an end state – as known at that point in time.

As a general rule, each service will have at minimum an MST and VR.

Where a ‘suite’ of like services is packaged, there will be service specific MSTs and VRs packaged to form a bundle of related information.

* + 1. XML Schema Generation Algorithm

This package contains a version of the TFND service (TFND.0004 2017) that uses the new XML generation algorithm.

This algorithm reduces the length and simplifies the element names. The intent of this change is to reduce the size of the XML messages. To support this, the contextualisation has been removed in the message structures tables and tuples have been used instead to represent complex types.

To obtain an understanding of the changes to the schema, in particular the classword shortening approach, refer to the ATO XML Schema Generation Algorithm document that is available on [ATO page](http://www.sbr.gov.au/software-developers/developer-tools/ato) in sbr.gov.au.

* + 1. Services

The following table shows the services that form the TFND product suite and their relationship to previous service versions:

| **Description** | **Service** | **Change** | **Product** | **Comments** |
| --- | --- | --- | --- | --- |
| TFN Declaration 2017 | tfnd.0004.2017 | Nil | TFND | No change from previous release. |

* + 1. Interactions

The following table lists the interactions for a given service.

| **Description** | **Interaction** | **Change** | **Product** | **Comments** |
| --- | --- | --- | --- | --- |
| TFN Declaration 2017 - Submit | tfnd.0004.2017.submit | Nil | TFND | No change from previous release. |

Detailed information on each service can be found in the Service Registry, along with associated messages.

* + 1. Package artefact status description

The table in *Section 2 Package Contents* reflects the status of artefacts in the *Package Status* column and needs to be read in conjunction with the *Comments* column in order to understand the scale of change that may be applicable.

The table below describes the terminology used in the *Package Status* column and the business description of the package status:

| **Package Status** | **Business Description** |
| --- | --- |
| **Pending** | The artefact is currently under development and is expected to be released in a future package. |
| **New** | The artefact is new for the package and has not been published previously. This would usually occur when an artefact has previously been marked as Pending (under development) or a new Government/ATO initiative sees the development of new services/messages to be deployed. |
| **Updated** | The artefact has changed since the last public release for this package. It could occur as a result of refining service/messages due to feedback or defects. |
| **Present** | The artefact is within the package and has had no change from the prior package for this year or a previous/forward year where artefacts cross multiple years. |
| **Removed** | The artefact was within the package in a prior release but has been removed as it is not relevant for the service/suite in question. This could occur due to Government legislation waiting on Royal Assent not being passed or other factors. |

1. **Package contents**

The table below outlines the package contents.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Name | Document Date | Document Status | Version | Comments | Package Status |
| ATO TFND.0004 2017 Message Structure Table.xlsx | 07/02/2019 | Final | 1.0 | Final release with no function changes from prior release. | Present |
| ATO TFND.0004 2017 Submit Validation Rules.xlsx | 07/02/2019 | Final | 1.0 | Final release with no function changes from prior release. | Present |
| ATO TFND.0004 2017 Submit Contracts.zip | 07/02/2019 | Final | 1.0 | Final release with no function changes from prior release. | Present |
| ATO TFND.0004 2017 Message Repository.zip | 07/02/2019 | Final | 1.0 | Final release with no function changes from prior release. | Present |
| ATO TFND.0004 2017 Rule Implementation v1.0.zip | 07/02/2019 | Final | 1.0 | Final release with no function changes from prior release. | Present |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | **Total artefacts in this Package:** | **5** | |  |  | | | Present artefacts | 5 |  | | |  | | | New artefacts | 0 |  | | |  | | | Updated artefacts | 0 |  | | |  | | | Pending artefacts | 0 |  | | |  | | | Removed artefacts | 0 |  | | |  | | |  |

1. **C# changes**

## Technical changes

The table below outlines the changes made in the C# files where the code has been updated, and the design artefact have remained the same. Where both the code and design has changed this will be reflected in the individual design artefact (validation rules) maintained in the package, and will not be called out in the table below.

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Service Name | Schematron ID | Change | Previous Rule | Previous Message ID | | | New Rule | | New Message ID |
| N/A | | | | |  |  | |  | |
|  |  |  |  | |  |  | |  | |
|  |  |  |  | |  |  | |  | |

## Event message changes

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Service Name | Schematron ID | Change | Previous Event Message | Previous Message ID | New Event Message | New Message ID |
| N/A | | | |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |

1. **Known issues and future scope**

The following is a list of issues and/or future work to be implemented for TFN Declaration 2017. There may be impacts to successful development until the issues are resolved or the future scope has been implemented (as an example where a service is deployed over multiple iterations and won’t be complete for some time).

| Issue | Impacted Interaction | Incident Number | Internal Reference | Resolution | Proposed EVTE Deployment | Proposed PROD Deployment |
| --- | --- | --- | --- | --- | --- | --- |
| None. |  |  |  |  |  |  |
|  |  |  |  |  |  |  |