

Reference Guide

# PLA 3.0 Migration and Archiving Toolkit

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# 1 Introduction

This guide provides a detailed description of the various document types that are delivered with the PLA 2.x Migration and Archiving Toolkit for PLA 3.0 (MAT).

It is intended for Functional administrators, System administrators, Quality management personnel, and Operators.

The following document types are available:

- [Assay archive document](#)
- [Assay comparison document](#)
- [Bulk comparison document](#)
- [Database synchronization document](#)
- [Project synchronization document](#)

 **Note:** Please consult the User Guide for a description of how to use the various document types to migrate your PLA 2.x databases to a PLA 3.0 environment.

## 2 Assay archive document

The PLA 2.x Assay archive document is the central document of the Migration and Archiving Toolkit. It holds all the archived information from a PLA 2.x assay.

It represents a single archived PLA 2.x assay and is composed of the original result data structure, all of the defined reports, a PSF file for later reuse and an audit trails export. Each Assay archive document contains various attachments, which can be accessed from the Dashboard.

Use the following links as finding aids to access information on particular document elements:

- [Document structure](#)
- [Document element reference](#)

### 2.1 Document structure

The document structure shows the hierarchy of an Assay archive document.

Table 1. Every document element is listed with its identification number and the information whether it is required or optional. Use the identification to access the details of an element in the Document element reference.

<b>PLA 2.x Assay archive document</b>	<b>required</b>	<b>001</b>
Name	required	002
Substance	optional	003
Description	optional	004
Batch ID	optional	005
Project	optional	006
Database	required	007
Name	required	008
PLA Version	optional	009
Archived	required	010
Last Assay Update	required	011
Database UUID	optional	012
Project ID	optional	013

Assay ID	optional	014
Assay Elements	required	015
Standard Sample	required	016
Name	required	017
Substance	optional	018
Description	optional	019
Batch ID	optional	020
Test Sample	optional	021
Name	required	022
Substance	optional	023
Description	optional	024
Batch ID	optional	025
Control Sample	optional	026
Name	required	027
Substance	optional	028
Description	optional	029
Batch ID	optional	030
Control Line	optional	031
Name	required	032
Substance	optional	033
Description	optional	034
Batch ID	optional	035
Observation Data	required	036
Signatures	optional	037
Signatures	optional	038
Signed Element	required	039

Signer	required	040
Timestamp	required	041
Meaning	optional	042

## 2.2 Document element reference

The document element reference is a technical reference about the details of all elements available in an Assay archive document.

The following information is included in the document element reference:

- Parent path to the element.
- Label of the element
- Identification number referencing the structure overview.
- Technical name
- Data type of the element
- Default (Initial) value
- Multiplicity (Minimum and maximum number of appearance)
- Is the element required in the document?
- Description of the element

/ <b>PLA 2.x Assay Archive Document</b>				<b>001</b>
TECHNICAL NAME Pla2Archive	DATA TYPE xs:empty	DEFAULT VALUE –	MULTIPLICITY 1..1	REQUIRED yes
The PLA archive document can be used for printing the original PLA 2.x reports and migrating the assay as PLA 3.0 assay.				

/PLA 2.x Assay Archive Document/ <b>Name</b>				<b>002</b>
TECHNICAL NAME Name	DATA TYPE xs:token	DEFAULT VALUE –	MULTIPLICITY 1..1	REQUIRED yes
The original PLA 2.x assay name.				

/PLA 2.x Assay Archive Document/ <b>Substance</b>				<b>003</b>
TECHNICAL NAME Substance	DATA TYPE xs:token	DEFAULT VALUE –	MULTIPLICITY 0..1	REQUIRED no
Content of the PLA 2.x 'Substance' field.				

/PLA 2.x Assay Archive Document/ <b>Description</b>				<b>004</b>
TECHNICAL NAME Description	DATA TYPE xs:string	DEFAULT VALUE –	MULTIPLICITY 0..1	REQUIRED no
Content of the PLA 2.x 'Description' field.				

/PLA 2.x Assay Archive Document/ <b>Batch ID</b>				<b>005</b>
TECHNICAL NAME BatchId	DATA TYPE xs:token	DEFAULT VALUE –	MULTIPLICITY 0..1	REQUIRED no
Content of the PLA 2.x 'Batch ID' field.				

/PLA 2.x Assay Archive Document/ <b>Project</b>				<b>006</b>
TECHNICAL NAME Project	DATA TYPE xs:token	DEFAULT VALUE –	MULTIPLICITY 0..1	REQUIRED no
Name of the PLA 2.x project containing the document's source.				

/PLA 2.x Assay Archive Document/ <b>Database</b>				<b>007</b>
TECHNICAL NAME Database	DATA TYPE xs:empty	DEFAULT VALUE –	MULTIPLICITY 1..1	REQUIRED yes
Name of the PLA 2.x source database.				

/PLA 2.x Assay Archive Document/Database/ <b>Name</b>				<b>008</b>
TECHNICAL NAME Name	DATA TYPE xs:token	DEFAULT VALUE -	MULTIPLICITY 1..1	REQUIRED yes
The PLA 2.x database name.				

/PLA 2.x Assay Archive Document/Database/ <b>PLA Version</b>				<b>009</b>
TECHNICAL NAME PLAVersion	DATA TYPE xs:token	DEFAULT VALUE -	MULTIPLICITY 0..1	REQUIRED no
PLA version of the source database.				

/PLA 2.x Assay Archive Document/Database/ <b>Archived</b>				<b>010</b>
TECHNICAL NAME Archived	DATA TYPE xs:token	DEFAULT VALUE -	MULTIPLICITY 1..1	REQUIRED yes
Date of the export from the PLA 2.x database.				

/PLA 2.x Assay Archive Document/Database/ <b>Last Assay Update</b>				<b>011</b>
TECHNICAL NAME LastAssayUpdate	DATA TYPE xs:token	DEFAULT VALUE -	MULTIPLICITY 1..1	REQUIRED yes
Date of the last update.				

/PLA 2.x Assay Archive Document/Database/ <b>Database UUID</b>				<b>012</b>
TECHNICAL NAME GUID	DATA TYPE xs:token	DEFAULT VALUE -	MULTIPLICITY 0..1	REQUIRED no
The unique identifier of the PLA 2.x source database.				



/PLA 2.x Assay Archive Document/Database/ <b>Project ID</b>				<b>013</b>
TECHNICAL NAME ProjectId	DATA TYPE xs:token	DEFAULT VALUE –	MULTIPLICITY 0..1	REQUIRED no
ID of the project in the PLA 2.x source database				

/PLA 2.x Assay Archive Document/Database/ <b>Assay ID</b>				<b>014</b>
TECHNICAL NAME AssayId	DATA TYPE xs:token	DEFAULT VALUE –	MULTIPLICITY 0..1	REQUIRED no
ID of the assay in the PLA 2.x source database				

/PLA 2.x Assay Archive Document/ <b>Assay Elements</b>				<b>015</b>
TECHNICAL NAME Elements	DATA TYPE xs:empty	DEFAULT VALUE –	MULTIPLICITY 1..1	REQUIRED yes
[NO DETAILS]				

/PLA 2.x Assay Archive Document/Assay Elements/ <b>Standard Sample</b>				<b>016</b>
TECHNICAL NAME Standard	DATA TYPE T_AE_Standard	DEFAULT VALUE –	MULTIPLICITY 1..1	REQUIRED yes
The standard sample or standard preparation or standard of the assay.				

/PLA 2.x Assay Archive Document/Assay Elements/Standard Sample/ <b>Name</b>				<b>017</b>
TECHNICAL NAME Name	DATA TYPE xs:token	DEFAULT VALUE STD	MULTIPLICITY 1..1	REQUIRED yes
The name of the standard sample.				

/PLA 2.x Assay Archive Document/Assay Elements/Standard Sample/ <b>Substance</b>				<b>018</b>
TECHNICAL NAME Substance	DATA TYPE xs:token	DEFAULT VALUE -	MULTIPLICITY 0..1	REQUIRED no
Content of the PLA 2.x 'Substance' field.				

/PLA 2.x Assay Archive Document/Assay Elements/Standard Sample/ <b>Description</b>				<b>019</b>
TECHNICAL NAME Description	DATA TYPE xs:string	DEFAULT VALUE -	MULTIPLICITY 0..1	REQUIRED no
Content of the PLA 2.x 'Description' field.				

/PLA 2.x Assay Archive Document/Assay Elements/Standard Sample/ <b>Batch ID</b>				<b>020</b>
TECHNICAL NAME BatchId	DATA TYPE xs:token	DEFAULT VALUE -	MULTIPLICITY 0..1	REQUIRED no
Content of the PLA 2.x 'Batch ID' field.				

/PLA 2.x Assay Archive Document/Assay Elements/ <b>Test Sample</b>				<b>021</b>
TECHNICAL NAME Test	DATA TYPE T_AE_Test	DEFAULT VALUE -	MULTIPLICITY 0..*	REQUIRED no
The potency of the preparation (aka preparation sample, test sample, unknown) is calculated in comparison to the standard.				

/PLA 2.x Assay Archive Document/Assay Elements/Test Sample/ <b>Name</b>				<b>022</b>
TECHNICAL NAME Name	DATA TYPE xs:token	DEFAULT VALUE -	MULTIPLICITY 1..1	REQUIRED yes
The name of the Test sample.				

/PLA 2.x Assay Archive Document/Assay Elements/Test Sample/ <b>Substance</b>				<b>023</b>
TECHNICAL NAME Substance	DATA TYPE xs:token	DEFAULT VALUE –	MULTIPLICITY 0..1	REQUIRED no
Content of the PLA 2.x 'Substance' field.				

/PLA 2.x Assay Archive Document/Assay Elements/Test Sample/ <b>Description</b>				<b>024</b>
TECHNICAL NAME Description	DATA TYPE xs:string	DEFAULT VALUE –	MULTIPLICITY 0..1	REQUIRED no
Content of the PLA 2.x 'Description' field.				

/PLA 2.x Assay Archive Document/Assay Elements/Test Sample/ <b>Batch ID</b>				<b>025</b>
TECHNICAL NAME BatchId	DATA TYPE xs:token	DEFAULT VALUE –	MULTIPLICITY 0..1	REQUIRED no
Content of the PLA 2.x 'Batch ID' field.				

/PLA 2.x Assay Archive Document/Assay Elements/ <b>Control Sample</b>				<b>026</b>
TECHNICAL NAME Control	DATA TYPE T_AE_Control	DEFAULT VALUE –	MULTIPLICITY 0..*	REQUIRED no
The potency of a control sample is calculated in the same manner as the test sample.				

/PLA 2.x Assay Archive Document/Assay Elements/Control Sample/ <b>Name</b>				<b>027</b>
TECHNICAL NAME Name	DATA TYPE xs:token	DEFAULT VALUE –	MULTIPLICITY 1..1	REQUIRED yes
The name of the control sample.				

/PLA 2.x Assay Archive Document/Assay Elements/Control Sample/ <b>Substance</b>				<b>028</b>
TECHNICAL NAME Substance	DATA TYPE xs:token	DEFAULT VALUE -	MULTIPLICITY 0..1	REQUIRED no
Content of the PLA 2.x 'Substance' field.				

/PLA 2.x Assay Archive Document/Assay Elements/Control Sample/ <b>Description</b>				<b>029</b>
TECHNICAL NAME Description	DATA TYPE xs:string	DEFAULT VALUE -	MULTIPLICITY 0..1	REQUIRED no
Content of the PLA 2.x 'Description' field.				

/PLA 2.x Assay Archive Document/Assay Elements/Control Sample/ <b>Batch ID</b>				<b>030</b>
TECHNICAL NAME BatchId	DATA TYPE xs:token	DEFAULT VALUE -	MULTIPLICITY 0..1	REQUIRED no
Content of the PLA 2.x 'Batch ID' field.				

/PLA 2.x Assay Archive Document/Assay Elements/ <b>Control Line</b>				<b>031</b>
TECHNICAL NAME ControlLine	DATA TYPE T_AE_ ControlLine	DEFAULT VALUE -	MULTIPLICITY 0..*	REQUIRED no
A control line refines the characteristics of an assay.				

/PLA 2.x Assay Archive Document/Assay Elements/Control Line/ <b>Name</b>				<b>032</b>
TECHNICAL NAME Name	DATA TYPE xs:token	DEFAULT VALUE -	MULTIPLICITY 1..1	REQUIRED yes
The name of the control line.				

/PLA 2.x Assay Archive Document/Assay Elements/Control Line/ <b>Substance</b>				<b>033</b>
TECHNICAL NAME Substance	DATA TYPE xs:token	DEFAULT VALUE -	MULTIPLICITY 0..1	REQUIRED no
Content of the PLA 2.x 'Substance' field.				

/PLA 2.x Assay Archive Document/Assay Elements/Control Line/ <b>Description</b>				<b>034</b>
TECHNICAL NAME Description	DATA TYPE xs:string	DEFAULT VALUE -	MULTIPLICITY 0..1	REQUIRED no
Content of the PLA 2.x 'Description' field.				

/PLA 2.x Assay Archive Document/Assay Elements/Control Line/ <b>Batch ID</b>				<b>035</b>
TECHNICAL NAME BatchId	DATA TYPE xs:token	DEFAULT VALUE -	MULTIPLICITY 0..1	REQUIRED no
Content of the PLA 2.x 'Batch ID' field.				

/PLA 2.x Assay Archive Document/ <b>Observation Data</b>				<b>036</b>
TECHNICAL NAME Dataset	DATA TYPE xs:empty	DEFAULT VALUE -	MULTIPLICITY 1..1	REQUIRED yes
The data editor allows to view and modify the dose and response data and other factors of the assay. You can add additional factors to the table.				

/PLA 2.x Assay Archive Document/ <b>Signatures</b>				<b>037</b>
TECHNICAL NAME Signatures	DATA TYPE xs:empty	DEFAULT VALUE -	MULTIPLICITY 0..1	REQUIRED no
Electronic Signatures applied to the PLA 2.x document.				

/PLA 2.x Assay Archive Document/Signatures/ <b>Signatures</b>				<b>038</b>
TECHNICAL NAME Signature	DATA TYPE xs:empty	DEFAULT VALUE –	MULTIPLICITY 0..*	REQUIRED no
Electronic Signature applied to the PLA 2.x document.				

/PLA 2.x Assay Archive Document/Signatures/Signatures/ <b>Signed Element</b>				<b>039</b>
TECHNICAL NAME SignedElement	DATA TYPE xs:token	DEFAULT VALUE –	MULTIPLICITY 1..1	REQUIRED yes
The signed element in the PLA 2.x source document.				

/PLA 2.x Assay Archive Document/Signatures/Signatures/ <b>Signer</b>				<b>040</b>
TECHNICAL NAME Signer	DATA TYPE xs:token	DEFAULT VALUE –	MULTIPLICITY 1..1	REQUIRED yes
Username of the signer in the PLA 2.x source document.				

/PLA 2.x Assay Archive Document/Signatures/Signatures/ <b>Timestamp</b>				<b>041</b>
TECHNICAL NAME SignatureTimestamp	DATA TYPE xs:token	DEFAULT VALUE –	MULTIPLICITY 1..1	REQUIRED yes
Signature timestamp in the PLA 2.x source document.				

/PLA 2.x Assay Archive Document/Signatures/Signatures/ <b>Meaning</b>				<b>042</b>
TECHNICAL NAME Meaning	DATA TYPE xs:string	DEFAULT VALUE –	MULTIPLICITY 0..1	REQUIRED no

Signature meaning in the PLA 2.x source document.

## 3 Assay comparison document

The PLA 2.x Assay comparison document is the central document type for the comparison process, holding the information of a single assay comparison.

The comparison process compares the results of the migrated PLA 3.0 Quantitative response assays with the results of the corresponding PLA 2.x Assay archive documents.

The resulting Assay comparison document contains the list of compared variables as well as the comparison result.

Use the following links as finding aids to access information on particular document elements:

- [Document structure](#)
- [Document element reference](#)

### 3.1 Document structure

The document structure shows the hierarchy of an Assay comparison document.

Table 2. Every document element is listed with its identification number and the information whether it is required or optional. Use the identification to access the details of an element in the Document element reference.

<b>PLA 2.x Assay comparison document</b>	<b>required</b>	<b>001</b>
Name	required	002
Date	required	003
Migrated Document Reference	required	004
Report Full Precision Values	required	005
Comparison Settings	required	006
Regression Parameter Precision	required	007
Test Result Precision	required	008
Potency Result Precision	required	009
Standard Error Precision	required	010



## 3.2 Document element reference

The document element reference is a technical reference about the details of all elements available in an Assay comparison document.

The following information is included in the document element reference:

- Parent path to the element.
- Label of the element
- Identification number referencing the structure overview.
- Technical name
- Data type of the element
- Default (Initial) value
- Multiplicity (Minimum and maximum number of appearance)
- Is the element required in the document?
- Description of the element

/ <b>PLA 2.x Assay comparison document</b>				<b>001</b>
TECHNICAL NAME AssayComparison	DATA TYPE xs:empty	DEFAULT VALUE –	MULTIPLICITY 1..1	REQUIRED yes
The PLA 2.x Assay Comparison Document defines a comparison of a migrated Quantitative Response Assay to its source PLA 2.x Assay Archive Document.				

/PLA Assay Comparison Document/ <b>Name</b>				<b>002</b>
TECHNICAL NAME Name	DATA TYPE xs:token	DEFAULT VALUE –	MULTIPLICITY 1..1	REQUIRED yes
The name of the PLA 2.x Assay Comparison Document.				

/PLA Assay Comparison Document/ <b>Date</b>				<b>003</b>
TECHNICAL NAME Date	DATA TYPE xs:dateTime	DEFAULT VALUE –	MULTIPLICITY 1..1	REQUIRED yes

The date element is initially filled by the current date and time. It is possible to change the value of this element.

/PLA Assay Comparison Document/ <b>Migrated Document Reference</b>				<b>004</b>
TECHNICAL NAME MigratedDocumentReference	DATA TYPE Document Reference. Quantitative ResponseAssay	DEFAULT VALUE -	MULTIPLICITY 1..1	REQUIRED yes
Reference to the Quantitative Response Assay Document to perform the comparison with.				

/PLA Assay Comparison Document/ <b>Report Full Precision Values</b>				<b>005</b>
TECHNICAL NAME ReportFullPrecisionValues	DATA TYPE xs:boolean	DEFAULT VALUE -	MULTIPLICITY 1..1	REQUIRED yes
If the report full precision values option is set to 'true', the compared values will be additionally reported with the unrounded value. Otherwise only the rounded values will be visible in the report.				

/PLA Assay Comparison Document/ <b>Comparison Settings</b>				<b>006</b>
TECHNICAL NAME ComparisonSettings	DATA TYPE xs:empty	DEFAULT VALUE -	MULTIPLICITY 1..1	REQUIRED yes
Settings for the comparison operation.				

/PLA Assay Comparison Document/Comparison Settings/ <b>Regression Parameter Precision</b>				<b>007</b>
TECHNICAL NAME Parameter	DATA TYPE T_Comparison Precision	DEFAULT VALUE -	MULTIPLICITY 1..1	REQUIRED yes

Controls the precision used for comparing regression parameter results. Both values are rounded to the given number of significant digits and compared afterwards. The rounding method is the so called 'rounding half away from zero'. Examples '4 significant digits', the observed value is 0.011135, the rounded value is 0.01114. '3 significant digits', the observed value is 0.011135, the rounded value is 0.0111.

/PLA Assay Comparison Document/Comparison Settings/ <b>Test Result Precision</b>				<b>008</b>
TECHNICAL NAME Testresults	DATA TYPE T_Comparison Precision	DEFAULT VALUE -	MULTIPLICITY 1..1	REQUIRED yes
Controls the precision used for comparing suitability test results. Both values are rounded to the given number of significant digits and compared afterwards. The rounding method is the so called 'rounding half away from zero'. Examples '4 significant digits', the observed value is 0.011135, the rounded value is 0.01114. '3 significant digits', the observed value is 0.011135, the rounded value is 0.0111.				

/PLA Assay Comparison Document/Comparison Settings/ <b>Potency Result Precision</b>				<b>009</b>
TECHNICAL NAME Potency	DATA TYPE T_Comparison Precision	DEFAULT VALUE -	MULTIPLICITY 1..1	REQUIRED yes
Controls the precision used for comparing potency results. Both values are rounded to the given number of significant digits and compared afterwards. The rounding method is the so called 'rounding half away from zero'. Examples '4 significant digits', the observed value is 0.011135, the rounded value is 0.01114. '3 significant digits', the observed value is 0.011135, the rounded value is 0.0111.				

/PLA Assay Comparison Document/Comparison Settings/ <b>Standard Error Precision</b>				<b>010</b>
TECHNICAL NAME StandardError	DATA TYPE T_Comparison Precision	DEFAULT VALUE -	MULTIPLICITY 1..1	REQUIRED yes

Controls the precision used for comparing standard error results of parameter estimates. Both values are rounded to the given number of significant digits and compared afterwards. The rounding method is the so called 'rounding half away from zero'. Examples '4 significant digits', the observed value is 0.011135, the rounded value is 0.01114. '3 significant digits', the observed value is 0.011135, the rounded value is 0.0111.

## 4 Bulk comparison document

The PLA 2.x Bulk comparison document can automatically compare a huge number of migrated Quantitative response assays to their original PLA 2.x Assay archive documents.

Use the following links as finding aids to access information on particular document elements:

- [Document structure](#)
- [Document element reference](#)

### 4.1 Document structure

The document structure shows the hierarchy of a Bulk comparison document.

Table 3. Every document element is listed with its identification number and the information whether it is required or optional. Use the identification to access the details of an element in the Document element reference.

<b>PLA 2.x Bulk comparison document</b>	<b>required</b>	<b>001</b>
Name	required	002
Date	required	003
Comparison Source Folder	required	004
Assay Comparison Template	required	005
Dataset	required	006

### 4.2 Document element reference

The document element reference is a technical reference about the details of all elements available in a Bulk comparison document.

The following information is included in the document element reference:

- Parent path to the element.
- Label of the element
- Identification number referencing the structure overview.
- Technical name
- Data type of the element
- Default (Initial) value
- Multiplicity (Minimum and maximum number of appearance)

- Is the element required in the document?
- Description of the element

/ <b>PLA Bulk Comparison Document</b>				<b>001</b>
TECHNICAL NAME BulkComparison	DATA TYPE xs:empty	DEFAULT VALUE –	MULTIPLICITY 1..1	REQUIRED yes
The PLA 2.x Bulk Comparison document defines a comparison of migrated Quantitative Response Assays to their migration source documents.				

/PLA Bulk Comparison Document/ <b>Name</b>				<b>002</b>
TECHNICAL NAME Name	DATA TYPE xs:token	DEFAULT VALUE –	MULTIPLICITY 1..1	REQUIRED yes
The name of the PLA 2.x Bulk Comparison Document.				

/PLA Bulk Comparison Document/ <b>Date</b>				<b>003</b>
TECHNICAL NAME Date	DATA TYPE xs:dateTime	DEFAULT VALUE –	MULTIPLICITY 1..1	REQUIRED yes
The date element is initially filled by the current date and time. It is possible to change the value of this element.				

/PLA Bulk Comparison Document/ <b>Comparison Source Folder</b>				<b>004</b>
TECHNICAL NAME ComparisonSourceFolder	DATA TYPE T_Comparison SourceFolder	DEFAULT VALUE –	MULTIPLICITY 1..1	REQUIRED yes
Please enter the name of the source folder containing the migrated Quantitative Response Assay documents.				

/PLA Bulk Comparison Document/ <b>Assay Comparison Template</b>				<b>005</b>
--------------------------------------------------------------------	--	--	--	------------

TECHNICAL NAME	DATA TYPE	DEFAULT VALUE	MULTIPLICITY	REQUIRED
AssayCompariosn TemplateReference	Template Reference. Assay Comparison Document	-	1..1	yes
Select a template of the PLA 2.x Assay Comparison Document type. This template is used for generating the assay comparison documents by the bulk comparison compare operation,				

/PLA Bulk Comparison Document/ <b>Dataset</b>				<b>006</b>
TECHNICAL NAME	DATA TYPE	DEFAULT VALUE	MULTIPLICITY	REQUIRED
Dataset	xs:empty	-	1..1	yes
The Dataset contains references to the compared documents,				

## 5 Database synchronization document

The PLA 2.x Database synchronization document is the central document type for creating your archive. It holds a list of all synchronized projects, and links the PLA 3.0 database to the synchronization folder.

Each time the content of the synchronization folder is updated, you can synchronize the archive by performing the Synchronize action.

Use the following links as finding aids to access information on particular document elements:

- [Document structure](#)
- [Document element reference](#)

### 5.1 Document structure

The document structure shows the hierarchy of a Database synchronization document.

Table 4. Every document element is listed with its identification number and the information whether it is required or optional. Use the identification to access the details of an element in the Document element reference.

<b>PLA 2.x Database synchronization document</b>	<b>required</b>	<b>001</b>
Name	required	002
Source Directory	required	003
Migration Target Folder	required	004
Database UUID	required	005
Dataset	required	006

### 5.2 Document element reference

The document element reference is a technical reference about the details of all elements available in Database synchronization document.

The following information is included in the document element reference:

- Parent path to the element.
- Label of the element
- Identification number referencing the structure overview.
- Technical name
- Data type of the element



- Default (Initial) value
- Multiplicity (Minimum and maximum number of appearance)
- Is the element required in the document?
- Description of the element

/ <b>PLA 2.x Database Synchronization</b>				<b>001</b>
TECHNICAL NAME DatabaseSynchronization	DATA TYPE xs:empty	DEFAULT VALUE –	MULTIPLICITY 1..1	REQUIRED yes
The PLA 2.x Database Synchronization documents is responsible for linking the archive to the corresponding synchronization directory.				

/PLA 2.x Database Synchronization/ <b>Name</b>				<b>002</b>
TECHNICAL NAME DatabaseName	DATA TYPE xs:token	DEFAULT VALUE –	MULTIPLICITY 1..1	REQUIRED yes
Name of the source database.				

/PLA 2.x Database Synchronization/ <b>Source Directory</b>				<b>003</b>
TECHNICAL NAME DatabaseSourceDir	DATA TYPE xs:token	DEFAULT VALUE –	MULTIPLICITY 1..1	REQUIRED yes
The source directory points to the database folder which is a subfolder of the Synchronization Folder.				

/PLA 2.x Database Synchronization/ <b>Migration Target Folder</b>				<b>004</b>
TECHNICAL NAME MigrationTargetFolder	DATA TYPE Migration Target Folder	DEFAULT VALUE –	MULTIPLICITY 1..1	REQUIRED yes
The Migration Target Folder is a folder in the database where the migration process will place the migrated Quantitative response assay documents.				

/PLA 2.x Database Synchronization/ <b>Database UUID</b>				<b>005</b>
TECHNICAL NAME DatabaseUUID	DATA TYPE xs:token	DEFAULT VALUE –	MULTIPLICITY 1..1	REQUIRED yes
The Database UUID of the PLA 2.x source database				

/PLA 2.x Database Synchronization/ <b>Dataset</b>				<b>006</b>
TECHNICAL NAME Dataset	DATA TYPE xs:empty	DEFAULT VALUE –	MULTIPLICITY 1..1	REQUIRED yes
The dataset contains references to archived projects.				

## 6 Project synchronization document

The PLA 2.x Project synchronization document represents the original PLA 2.x project. It holds references to all PLA 2.x Assay archive documents.

Use the following links as finding aids to access information on particular document elements:

- [Document structure](#)
- [Document element reference](#)

### 6.1 Document structure

The document structure shows the hierarchy of a Project synchronization document.

Table 5. Every document element is listed with its identification number and the information whether it is required or optional. Use the identification to access the details of an element in the Document element reference.

<b>PLA 2.x Project synchronization document</b>	<b>required</b>	<b>001</b>
Project Name	required	002
Project ID	required	003
Dataset	required	004

### 6.2 Document element reference

The document element reference is a technical reference about the details of all elements available in a Project synchronization document.

The following information is included in the document element reference:

- Parent path to the element.
- Label of the element
- Identification number referencing the structure overview.
- Technical name
- Data type of the element
- Default (Initial) value
- Multiplicity (Minimum and maximum number of appearance)
- Is the element required in the document?
- Description of the element

/ <b>PLA 2.x Project Synchronization</b>				<b>001</b>
TECHNICAL NAME ProjectSynchronization	DATA TYPE xs:empty	DEFAULT VALUE –	MULTIPLICITY 1..1	REQUIRED yes
The PLA 2.x Project Synchronization document represents a PLA 2.x project within the archive.				

/PLA 2.x Project Synchronization/ <b>Project Name</b>				<b>002</b>
TECHNICAL NAME ProjectName	DATA TYPE xs:token	DEFAULT VALUE –	MULTIPLICITY 1..1	REQUIRED yes
PLA 2.x Project Name.				

/PLA 2.x Project Synchronization/ <b>Project ID</b>				<b>003</b>
TECHNICAL NAME ProjectDBID	DATA TYPE xs:integer	DEFAULT VALUE –	MULTIPLICITY 1..1	REQUIRED yes
PLA 2.x internal project ID.				

/PLA 2.x Project Synchronization/ <b>Dataset</b>				<b>004</b>
TECHNICAL NAME Dataset	DATA TYPE xs:empty	DEFAULT VALUE –	MULTIPLICITY 1..1	REQUIRED yes
The dataset represents a list of the assays.				