

IHE.ITI.MHD\3:4.2.4.1 Error Codes - FHIR v4.0.1

<http://hl7.org/fhir>

This page is part of the IHE Mobile Access to Health Documents (v4.1.0: Trial Implementation) based on [FHIR R4](#). This is the current published version. For a full list of available versions, see the [Directory of published versions](#) ↗

3:4.2

...

3:4.2.4

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3:4.2.4.1 RegistryError Element

...

Editor please add the following rows to Table 4.2.4.1-2: Error Codes (previously Table 4.1-11) in [ITI TF-3: 4.2.4.1](#)

...

Error Code	Discussion	Transaction (See Note 1)
UnknownRecipient	An IntendedRecipient is not recognized.	P
UnavailableRecipient	An IntendedRecipient which would have been contacted was not available.	P

...

IHE.ITI.MHD\3:4.5 FHIR Maps - FHIR v4.0.1

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Editor please Add Section 4.5

This section documents the mapping between IHE [Document Sharing Metadata](#) and the FHIR Resources.

3:4.5.1 Metadata Object Types mapped to FHIR

For details on FHIR resources and data types see HL7 FHIR <http://hl7.org/fhir/R4/index.html>.

Some Document Sharing Metadata attributes must be treated as contained FHIR Resources. These are indicated in with a “Note 1” and the word contained. The details of the FHIR contained mechanism is found at <http://hl7.org/fhir/R4/references.html#contained>.

When encoding XDS identifiers into FHIR Resource data elements of type Identifier, the FHIR notation of OIDs and UUIDs uses the system identifier of `urn:iETF:rFC:3986`. For more details and examples, see [ITI TF-2: Appendix E.3 “FHIR Identifier Type”](#).

3:4.5.1.1 DocumentEntry Metadata Attributes

The documented [mapping of the metadata elements](#) associated with a [Document Sharing DocumentEntry object](#) attributes.

Note: FHIR contains an informative mapping that is intended to be equivalent and can be found at <http://hl7.org/fhir/R4/documentreference-mappings.html#xds>. For the purposes of IHE MHD conformance the mapping documented here (in IHE) are normative.

3:4.5.1.2 DocumentReference StructureDefinition

The conformance requirements are different between a Provide Document Bundle [ITI-65](#) transaction and a Find Document References [ITI-67](#) transaction, and between Minimal Metadata, Comprehensive Metadata, and UnContained References.

The conformance requirements are different between Comprehensive, minimal, and UnContained References. The canonical URI is found as the “Defining URL.”:

- [Comprehensive DocumentReference Metadata](#)
- [Comprehensive DocumentReference UnContained References](#)
- [Minimal DocumentReference Metadata](#)
- Minimal DocumentReference does not include contained requirements

Resources are not required to carry the meta.profile element and may only carry the profile element defined for the Provide Document Bundle [ITI-65] transaction, as the Receiver is not required to add the profile tags. The value of the meta.profile is a soft indicator of conformance expectation. Receivers may choose to validate actual conformance and fail transactions due to

non-conformance.

3:4.5.2 SubmissionSet Metadata Attributes

The documented [mapping of the metadata elements](#) associated with a [Document Sharing SubmissionSet object](#) attributes.

3:4.5.2.1 SubmissionSet List StructureDefinition

The conformance requirements are different between Comprehensive, Minimal, and UnContained References. The canonical URI is found as the “Defining URL.”:

- [Comprehensive SubmissionSet Metadata](#)
- [Comprehensive SubmissionSet UnContained References](#)
- [Minimal SubmissionSet Metadata](#)
- Minimal SubmissionSet Metadata does not include contained requirements

Resources are not required to carry the meta.profile element and may only carry the profile element defined for the Provide Document Bundle [ITI-65](#) transaction, as the Receiver is not required to add the profile tags. The value of the meta.profile is a soft indicator of conformance expectation. Receivers may choose to validate actual conformance and fail transactions due to non-conformance.

3:4.5.3 Folder Metadata Attributes

The documented [mapping of the metadata elements](#) associated with a [Document Sharing Folder object](#) attributes.

Note that FHIR List Resource in the FHIR core specification does not include a Mapping to XDS.

3:4.5.3.1 Folder StructureDefinition

The conformance requirements are different between Comprehensive and Minimal metadata. The canonical URI is found as the “Defining URL.”:

- [Comprehensive Folder Metadata](#)
- Comprehensive Folder Metadata does not include contained requirements
- [Minimal Folder Metadata](#)
- Minimal Folder Metadata does not include contained requirements

Resources are not required to carry the meta.profile element and may only carry the profile element defined for the Provide Document Bundle [ITI-65](#) transaction, as the Receiver is not required to add the profile tags. The value of the meta.profile is a soft indicator of conformance expectation. Receivers may choose to validate actual conformance and fail transactions due to non-conformance.