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Clinical Documents
Implementation Guidance for Uploading and Viewing Subtyped Clinical Documents

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1 Introduction

1.1 Purpose

This document provides implementation guidance for software vendors to support uploading and viewing of clinical document subtypes in the My Health Record system. Viewing includes being able to search and discover clinical document subtypes in a consumer's My Health Record.

Software providers should evaluate this guidance against specific use cases and workflows and may adopt different measures to support both uploading and viewing of subtyped clinical documents.

1.2 Intended audience

This document is intended for the following organisations:

- healthcare organisations
- developer and software providers of clinical information systems connecting to the My Health Record system

1.3 Overview

Each clinical document in the My Health Record system is assigned with a classCode (indicating document type) and a typeCode (indicating document subtype). An un-subtyped document holds the same classCode and typeCode value, while a subtyped document holds different values for the classCode and typeCode. This document subtyping feature allows a more granular categorisation of documents in the My Health Record system.

Document subtyping was introduced to the My Health Record system with the objective of:

1. Improving the discoverability of clinically relevant documents by consumers, representatives, and providers
    - Currently users must open every document in a consumer's My Health Record to determine the content and potential relevance. By introducing a document subtype to My Health Record documents, it will allow a user to peruse a document list and only open those with a relevant subtype category to their healthcare scenario.
2. Providing greater flexibility by supporting subtypes of clinical documents to capture a greater share of health information.

Software providers and healthcare organisations who provide My Health Record viewing and/or upload functionality in their local clinical information systems may need to make changes to their software to allow:

- name of the document subtype to display against each document in the document list of a consumer's My Health Record
- users to filter the document list of a consumer's My Health Record by the document subtype
- healthcare providers to upload documents with subtypes specified in the Document Type Register to the consumer's My Health Record.

Clinical document subtyping is currently supported for two clinical document types:

- event summary
- discharge letter

Please see document subtype requirements in the event summary and discharge summary letter conformance profiles:

- event summary: https://developer.digitalhealth.gov.au/specifications/clinical-documents/ep-3419-2022/dh-3418-2022
- discharge summary: https://developer.digitalhealth.gov.au/specifications/clinical-documents/ep-3415-2022/dh-3414-2022

2 Document type register

The Document Type Register is a comprehensive list of all document types and its associated subtypes supported by the My Health Record system. Each document type and subtype will be supplemented with a description to inform implementers about the intention of the subtypes.

The national Document Type Register is maintained by the Agency on GitHub and may change over time for additional or updated subtypes. Clinical information systems are encouraged to store a local copy of the Register and update the local Document Type Register where appropriate.

Each document subtype will have a Subtype Status:

- **Active**: the active subtype is allowed for upload
- **Deprecated**: the deprecated subtype is in the transition state between active and retired. NOTE - Deprecated will be retired after a defined period.
- **Retired**: the retired subtype is not allowed for uploading

3 Support for uploading subtyped documents to the My Health Record system

'A subtyped clinical document must conform to all applicable specifications including the relevant Structured Content Specification, CDA Implementation Guide, and Conformance Profiles.

When calling the My Health Record uploadDocument web service to upload a subtyped document, appropriate classCode and typeCode must be inserted in the SOAP request. The supported classCode and typeCode can be found in the national Document Type Register.

The example below shows the SOAP request snippets where a "Discharge Summary" classCode and "Recreational Therapy Discharge Summary" typeCode are placed. The "Recreational Therapy Discharge Summary" subtype in this example is for illustration purpose and will not necessarily be included in the My Health Record Document Type Register. The `classificationScheme` UUID indicates what the object is (i.e. classCode or typeCode); the `nodeRepresentation` and **`codingScheme`** values together describe the coding system and the code for the document classCode or typeCode; the `LocalizedString` represents the displayName of the code described in the object.

classCode:

```
<Classification id="cl02" objectType="urn:oasis:names:tc:ebxml-
regrep:ObjectType:RegistryObject:Classification"
classificationScheme="urn:uuid:41a5887f-8865-4c09-adf7-e362475b143a"
classifiedObject="DOCUMENT_SYMBOLICID_01" nodeRepresentation="18842-5">
    <Slot name="codingScheme">
        <ValueList>
            <Value>LOINC</Value>
        </ValueList>
    </Slot>
    <Name>
        <LocalizedString value="Discharge Summary" />
    </Name>
</Classification>
```

typeCode:

```
<Classification id="cl07" objectType="urn:oasis:names:tc:ebxml-
regrep:ObjectType:RegistryObject:Classification"
classificationScheme="urn:uuid:f0306f51-975f-434e-a61c-c59651d33983"
classifiedObject="DOCUMENT_SYMBOLICID_01" nodeRepresentation="83921-
7">
    <Slot name="codingScheme">
        <ValueList>
            <Value>LOINC</Value>
        </ValueList>
```

```
    </Slot>
    <Name>
        <LocalizedString value="Recreational Therapy Discharge
Summary" />
    </Name>
</Classification>
```

Template package IDs including the ones that support subtyped document upload can be found under specific document type pages in the Developer Centre.

4 Support for My Health Record document viewing

Via the My Health Record B2B Gateway

Your software can use either the classCode or typeCode as a filter when calling the getDocumentList web service to search for a list of documents in a consumer's My Health Record.

- **Searching by typeCode:** only documents specific to that typeCode will be returned
- **Searching by classCode:** all un-subtyped and subtyped documents under that classCode will be returned

When the intention is to retrieve and display a list of documents from a consumer's My Health Record, our general advice is to use classCode in the getDocumentList call to ensure all un-subtyped and subtyped documents meeting the search criteria are returned in the search. Below is an example snippet of the getDocumentList SOAP request using classCode.

```
<Slot name="$XDSDocumentEntryClassCode">
    <ValueList>
        <Value>('18842-5^^LOINC')</Value>
    </ValueList>
</Slot>
```

Specific use cases may find searching by typeCode more appropriate if specific subtyped documents are targeted. Below is an example snippet of the getDocumentList SOAP request using typeCode.

```
<Slot name="$XDSDocumentEntryTypeCode">
    <ValueList>
        <Value>('83921-7 ^^LOINC')</Value>
    </ValueList>
</Slot>
```

When displaying the document list to users, use the typeCode displayName in the list. This way users will see the subtyped document name which gives a better indication of the document purpose. e.g. "Emergency Discharge Summary" as opposed to just "Discharge Summary". For un-subtyped documents, the classCode displayName and typeCode displayName will be the same. Below is an example snippet of the getDocumentList SOAP response where typeCode displayName can be identified. `classificationScheme="urn:uuid:f0306f51-975f-434e-a61c-c59651d33983"` indicates this is a typeCode object; the displayName is presented in the `LocalizedString` element.

```
<ns4:Classification id="urn:uuid:899ab92b-1816-4629-9d9e-
b74c27aa4d64" lid="urn:uuid:899ab92b-1816-4629-9d9e-b74c27aa4d64"
objectType="urn:oasis:names:tc:ebxml-
regrep:ObjectType:RegistryObject:Classification"
```

```
status="urn:oasis:names:tc:ebxml-regrep:StatusType:Submitted"
classificationScheme="urn:uuid:f0306f51-975f-434e-a61c-c59651d33983"
classifiedObject="urn:uuid:1d1d3c11-8a79-4af4-97e2-1ca86aa805ab"
nodeRepresentation="83921-7 ">
    <ns4:Slot name="codingScheme">
        <ns4:ValueList>
            <ns4:Value>LOINC</ns4:Value>
        </ns4:ValueList>
    </ns4:Slot>
    <ns4:Name>
        <ns4:LocalizedString value="Recreational Therapy Discharge
Summary" />
    </ns4:Name>
    <ns4:VersionInfo versionName="1" />
</ns4:Classification>
```

Via the My Health Record FHIR Gateway

Similar to searching documents via the B2B Gateway, our general advice when searching documents via the FHIR Gateway's Search Document List API is to use classCode as a search filter to ensure all un-subtyped and subtyped documents are returned. An example URL for searching with classCode is shown below.

```
https://[base
URL]/DocumentReference?patient=133468451&created=ge2015-02-
02&class=18842-5^^LOINC&format=json
```

Searching by typeCode may also be appropriate for use cases where specific subtyped documents are targeted. An example ULR for searching with typeCode is show below.

```
https://[base
URL]/DocumentReference?patient=133468451&created=ge2015-02-
02&type=83921-7^^LOINC&format=json
```

When displaying a document list to the users, typeCode displayName is recommended as it provides a more precise description of the subtyped document. Below is a JSON snippet of a Search Document List response showing the typeCode displayName.

```
        "type": {
          "coding": [
            {
              "system": "urn:oid: 2.16.840.1.113883.6.1",
              "code": "83921-7",
              "display": "Recreational Therapy Discharge Summary"
            }
          ]
        },
```

Support

For more information, please contact help@digitalhealth.gov.au.