

PCEHR B2B Client Library

Product Data Sheet v1.3

5 August 2015

Approved for external information

Key features

- Supports all the PCEHR B2B interfaces (including Release 6)
- Integrated with NEHTA Clinical Document Packaging Library

Usage (internal, external)

- Reference Platform Portal PCEHR SVT Demo
- Vendor products

Format

- ZIP file (.NET and Java)

Introduction

The PCEHR has a number of B2B SOAP web services which allow vendors to incorporate PCEHR functionality within their product. The PCEHR B2B Client Library provides vendors with an example implementation of these services in both Java and .net development environments.

The PCEHR B2B Client Library also incorporates the NEHTA Clinical Document Packaging Library as this is required as part of the uploading of a Clinical document.

Content

The PCEHR B2B Client Library simplifies the development process by providing vendors with a sample implementation of how to interact with the PCEHR. The library implements all the available B2B interfaces as listed below (these are the logical names):

- doesPCEHRExist [RA-LSS][RA-TSS]
- gainPCEHRAccess [RA-LSS][RA-TSS]
- uploadDocument [DE-LSS][DE-TSS]
- retrieveDocument [DE-LSS][DE-TSS]
- uploadDocumentMetadata [DE-LSS][DE-TSS]
- findDocuments [DE-LSS][DE-TSS]
- removeDocument [DE-LSS][DE-TSS]
- getAuditView [VS-LSS][VS-TSS]
- getChangeHistoryView [VS-LSS][VS-TSS]

- getView [VS-LSS][VS-TSS] - supporting 7 views:
 - healthCheckScheduleView
 - medicareOverview
 - observationView
 - prescriptionAndDispenseView
 - healthRecordOverview
 - diagnosticImagingReportView
 - pathologyReportView
- getTemplate [TS-LSS][TS-TSS]
- searchTemplate [TS-LSS][TS-TSS]
- getIndividualDetailsView [VS-LSS][VS-TSS]
- getRepresentativeList [VS-LSS][VS-TSS]
- registerPCEHR [RS-LSS][RS-TSS]

Details of each interface are described and defined in the PCEHR LSS and TSS specifications as per the references in the above list. The WSDL/schemas [WSDL] for each interface are also available on the same web site.

The library demonstrates how to sign the SOAP header for both TEXT and MTOM encoding, as required by each interface, and how to map data into the XDS metadata components using the Clinical document as the source of the information, thus removing the chance of invalidating the SOAP request. Examples are also included on how to invoke each interface.

Downloads

The PCEHR Library (Java and .NET) is now available in the PCEHR Integration Toolkit from the following link:

<http://www.nehta.gov.au/implementation-resources/ehealth-reference-platform/pcehr-integration-toolkit>

The WSDLs, sample request and response SOAP messages are available from the same link.

The Generic Clinical Document Style Sheet, PCEHR Prescription and Dispense View Style Sheet, and the Clinical Document Packaging Library (Java and .NET) are available in the Clinical Documents Integration Toolkit at the following link:

<http://www.nehta.gov.au/implementation-resources/ehealth-reference-platform/clinical-documents-integration-toolkit>

References

The following documents are available from www.nehta.gov.au.

Tag	NEHTA ID and link	Name
[DE-LSS]	NEHTA-1970:2014	PCEHR Document Exchange Service - Logical Service Specification v1.3.1
[DE-TSS]	NEHTA-1971:2014	PCEHR Document Exchange using the IHE XDS b Platform Technical Service Specification v1.5.1
[RA-LSS]	NEHTA-1036:2011	PCEHR Record Access Service - Logical Service Specification v1.0
[RA-TSS]	NEHTA-1120:2012	PCEHR Record Access Service - Technical Service Specification v1.4
[RS-LSS]	NEHTA-1966:2015	PCEHR Registration Service - Logical Service Specification v1.2
[RS-TSS]	NEHTA-1967:2015	PCEHR Registration Service - Technical Service Specification v1.2
[V-SLSS]	NEHTA-1968:2014	PCEHR View Service - Logical Service Specification v1.4
[VS-TSS]	NEHTA-1969:2014	PCEHR View Service - Technical Service Specification v1.6
[TS-LSS]	NEHTA-1119:2012	PCEHR Template Service - Interface Logical Service Specification v1.1
[TS-TSS]	NEHTA-1118:2012	PCEHR Template Service - Interface Technical Service Specification v1.3
[WSDL]	NEHTA-2145:2014	PCEHR WSDLs for Release 3 onwards

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