

PCEHR B2B Client Library

Product Data Sheet v1.2

19 December 2014

Approved for external information

Key features

- Supports all the PCEHR B2B interfaces (including Release 5)
- Integrated with NEHTA CDA 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 CDA Packaging Library as this is required as part of the uploading of a CDA 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 CDA 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 CDA Style Sheet, PCEHR Prescription and Dispense View CDA Style Sheet, CDA 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
[DE-TSS]	NEHTA-1971:2014	PCEHR Document Exchange using the IHE XDS b Platform Technical Service Specification v1.5
[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-1966:2014	PCEHR Registration Service - Logical Service Specification v1.2
[RS-TSS]	NEHTA-1967:2014	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-1932:2014	PCEHR WSDLs for Release 3 onwards

Publication date: 19 December 2014

Contact for enquiries

Telephone: 1300 901 001 or email: help@nehta.gov.au

Disclaimer

The National E-Health Transition Authority Ltd (NEHTA) makes the information and other material ('Information') in this document available in good faith but without any representation or warranty as to its accuracy or completeness. NEHTA cannot accept any responsibility for the consequences of any use of the Information. As the Information is of a general nature only, it is up to any person using or relying on the Information to ensure that it is accurate, complete and suitable for the circumstances of its use.

Copyright © 2014 National E-Health Transition Authority Ltd

This document contains information which is protected by copyright. All Rights Reserved. No part of this work may be reproduced or used in any form or by any means—graphic, electronic, or mechanical, including photocopying, recording, taping, or information storage and retrieval systems—without the permission of NEHTA. All copies of this document must include the copyright and other information contained on this page.

Acknowledgement

The National E-Health Transition Authority is jointly funded by the Australian Government and all State and Territory Governments.