

Clinical Document Data Extractor Library Product Data Sheet v1.1

5 August 2015

Approved for external information

Key features

- Extracts atomic data from continuity of care, prescription and dispense CDA[®] documents

Usage (internal, external)

- Reference Platform Portal demo
- Vendor products

Format

- ZIP file (.NET and Java)

Introduction

To ensure a consistent and structured approach for providing and sharing clinical information, the PCEHR system accepts only documents of supported HL7[®] Clinical Document Architecture (CDA[®]) structured document types.¹

HL7[®] CDA[®] documents are XML documents deriving their machine-processable meaning from the HL7[®] Reference Information Model (RIM). They use the HL7[®] Version 3 Data Types.

The Clinical Document Data Extractor Library (previously called the CDA Extractor Library) uses the NEHTA CDA[®] Schema Extension and the relevant structured content specifications and CDA[®] implementation guides to extract the atomic data from level 3A and 3B CDA[®] documents built against the NEHTA specifications.

Content

The Clinical Document Data Extractor Library simplifies the development process by providing vendors with a simple interface for extracting data from a range of CDA[®] documents. The library uses the information from NEHTA-developed CDA[®] implementation guides. The Clinical Document Data Extractor Library can extract data from the following CDA[®] documents:

Continuity of Care

- eReferral
- Discharge Summary
- Event Summary
- Shared Health Summary
- Specialist Letter

¹ HL7 and CDA are registered trademarks of Health Level Seven International.

Prescription and Dispense

- eHealth Prescription Record (previously called PCEHR Prescription Record)
- eHealth Dispense Record (previously called PCEHR Dispense Record)

The Clinical Document Data Extractor Library has the ability to extract data from the following sections within each of the CDA[®] documents listed. The data extracted is then presented back in a consistent format.

Sections	Shared Health Summary	Event Summary	eReferral	Specialist Letter	Discharge Summary	Prescription Record	Dispense Record
Adverse Reactions	X	X	X	X	X		
Medications	X	X	X	X	X	X	X
Medical History <ul style="list-style-type: none">• problems diagnosis• procedures• other medical history	X	X	X	X	X		
Immunisations	X	X					

The library also contains example implementations of the interfaces to demonstrate its use.

Downloads

The latest Clinical Document Data Extractor Library (.NET) and NEHTA CDA[®] Schema Extension 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>

The Clinical Document Data Extractor Library (Java) will be available later.

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