



C-DAC's Medical Informatics SDK for CCD is an implementation of HL7/ASTM CCD Release 1.

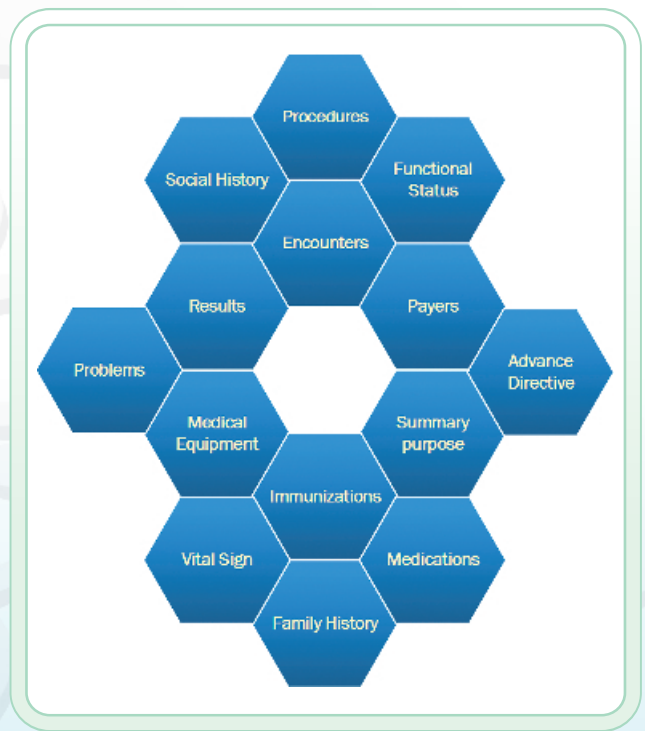
SDK enables quick and easy integration of CCD standard. Software developers can make their healthcare applications standard compliant without having to go through the complex specification in short time and remain confident that their implementation is compliant to global standard.

Advantages

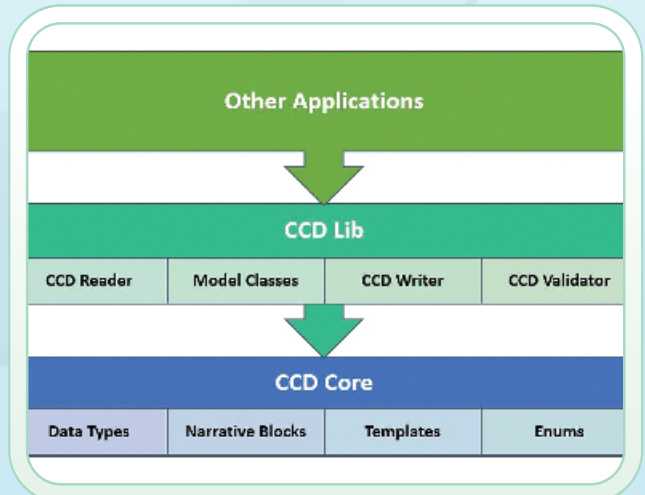
- SDK is licensed under Apache License v2.0 (Open Source License) that makes it free for both personal / commercial use
- Quick access to key patient data to patients /external healthcare application leads to improve patient care
- Integration of SDK in health care application will ensure to preserve specific information that is important for continued care of the patient
- Cost effective implementation of standard provides high Return-On-Investment
- Start early with SDK using variety of sample codes, documentation available with the toolkit
- Designed to easily deliver and update revisions to standard

The Continuity of Care Document (CCD) is a joint effort of HL7 International and American Society for Testing and Materials (ASTM) for exchange of electronic document for sharing most relevant and timely health information of patient among care givers for continuity of care

Coverage



Architecture





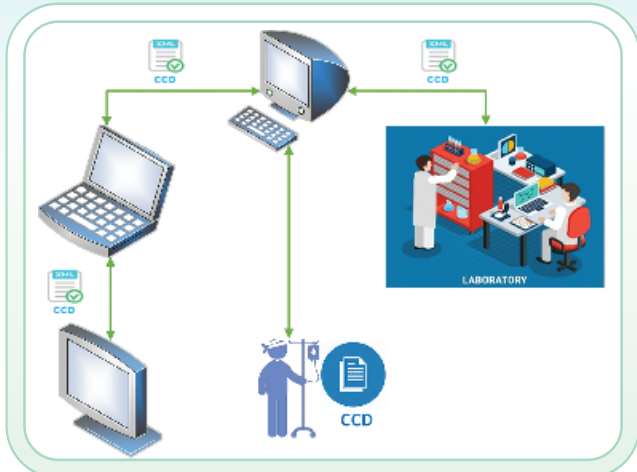
CCD Document

Continuity of Care Document

Table of Orders

Order ID	Order Name	Order Date	Order Status	Order Type
1	Diabetes	2015-01-01	Active	Diagnosis
2	Diabetes	2015-01-01	Active	Diagnosis

Usage Scenario



Sample Application

```

1 public static void main(String[] args) {
2     try {
3         System.out.println("Enter folder path for clinical document xml: ");
4         //creating reader object to read clinical document xml
5         BufferedReader read = new BufferedReader(System.in);
6         String strCCDDocFolderPath = read.readLine();
7         CCDReader objCCDReader = new CCDReader(strCCDDocFolderPath);
8         //Obtaining Organisation Name from XML
9         String organizationName = objCCDReader.getOrganizationName();
10        List<SummaryPurpose> objSummaryList = objCCDReader.getSummaryPurpose();
11        List<PatientDetails> objPatientList = objCCDReader.getPatientDetails();
12        List<PayerDetails> objPayerList = objCCDReader.getPayerDetails();
13        List<VitalSigns> objVitalSigns = objCCDReader.getVitalSigns();
14        List<Results> objResults = objCCDReader.getResults();
15    } catch (Exception e) {
16        e.printStackTrace();
17    }
18 }
  
```

Salient Features

- Enable quick and easy integration of CCD standard
- Object-oriented API library
- Free & Open Source Software (FOSS) under Apache License v2.0
- Generate XML based human-readable Continuity of Care Document
- Custom style sheet support
- Modular APIs for reading, writing and validating Continuity of Care Document
- Sample source code to demonstrate functionality
- Full API Documentation

Java API Documentation

Class CCDReader

public class CCDReader {

public CCDReader(String xmlFilePath) throws IOException;

public String getOrganizationName();

public List<SummaryPurpose> getSummaryPurpose();

public List<PatientDetails> getPatientDetails();

public List<PayerDetails> getPayerDetails();

public List<VitalSigns> getVitalSigns();

public List<Results> getResults();

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Download: https://www.cdac.in/index.aspx?id=hi_hs_medinfo_ccd_download Email: sdk-enq@cdac.in

