C-DAC's Medical Informatics Software Development Kit (SDK) for ANSI/HL7 v2.8.2-2015 is an implementation of Health Level Seven International's ANSI/HL7 v2.8.2-2015. The SDK is a Free and open-source software (FOSS) which facilitates incorporation of ANSI/HL7 v2.8.2-2015 in healthcare applications.

The API library can also be used by Medical device manufacturers for making their medical device medical standards compliant.

**Advantages**

- SDK is licensed under Apache License v2.0 (Open Source License) that makes it free for both personal / commercial use.

- SDK allows building message source, recipient, and exchange entities using file or stream based communication models

- Integrates with Rapid Application Development Tools so programmer can continue using IDE of choice

- Apart from standard deployable packages, custom packaging allows to target specific memory, storage, and cost requirements

- Layered API packaging approach makes it possible to target currently needed HL7 capabilities and enhance / extend later

- Suitable for both HL7 expert and general object-oriented programmer

- Start early with SDK using variety of samples, test codes, documentation available with the toolkit

- Designed to easily deliver and update revisions to standard
**Salient Features**

- Complete object-oriented implementation of the standard
- Implements all standard defined data types, value tables, segments, messages, queries, and events
- Provides network communication capability with advanced application-level support for security/ compression
- Efficient handling of memory and native platform multicore/multiprocessing capabilities
- Comprehensive Error/Warning Logging capability to assist debugging
- Allows customisation through extensible interfaces
- Ready-to-run command line utilities and sample codes based on SDK included in package
- Complete API and Help documents for easy understanding, reference, and use
- Source code available for download and reference

---

C-DAC’s Medical Informatics SDK for ANSI/HL7 v2.8.2-2015 is licensed under Apache License v2.0 (Open Source License) that makes it free for both personal/commercial use

Download: [https://cdac.in/index.aspx?id=hi_hs_medinfo_hl7_download](https://cdac.in/index.aspx?id=hi_hs_medinfo_hl7_download)  
E-mail: sdk-enq@cdac.in