

Tools & Resources

Various tools and resources are available for people creating and implementing HL7 standards. The tools and resources that we are aware of are organized below by standards and/or function. If you have further additions to this list, please contact webmaster@HL7.org. For documents and resources related to HL7 Standards, please check the [standards page](#).

[ART-DECOR®](#)

ART-DECOR®, an Open-Source tool suite, allows capturing medical expert requirements and supports terminologies and CDA templates, profiles, implementation guides to reflect and validate technical representations. It features cloud-based federated Building Block Repositories (BBR), fosters re-use of artefacts and is the base for many projects, including large scale National Infrastructure Programmes in the Netherlands, Switzerland, Austria, France and the European Commission.



[C-CDA Online](#)

For Beginners: A navigation website for C-CDA 2.1



[CDA Example Search Tool](#)

For Beginners: The CDA Example Search Tool allows users to search the CDA examples repository.



[Trifolia Workbench HL7 Web Edition](#)

For Developers: The Lantana Trifolia Workbench HL7 Web Edition is a repository of all HL7 CDA templates and implementation guides that have been authored using Trifolia and balloted through HL7. This tool allows users to browse templates, view their constraints, and generate Microsoft Word and HTML documentation from those templates. Additionally, HL7 members can create Implementation Guides, create templates, and control edit access to its templates.

Validators

ONC Scorecard - C-CDA *Updated by Raychelle 7/7/2021*

S.

PHI Note: The C-CDA Scorecard does not retain your submitted C-CDA file as the file is deleted from the server immediately after processing. However, we strongly suggest that you do not include any Protected Health Information (PHI) or Personally Identifiable Information (PII) in your C-CDA file submissions to the Scorecard.

See Art Decor above

See IHE Gazelle - **Didi** will update.

Tukan <http://tukan.online/>

Tukan is a platform for verifying compliance of IT systems with IHE profiles and HL7 standards. We invite all interested parties, primarily suppliers and recipients of software for processing medical data, to use the platform.

Other realms:o

<https://cda-tools.elga.gv.at/online-validator/disclaimer.xhtml>

General <https://ehealthsuisse.ihe-europe.net>

Tool

<https://ehealthsuisse.ihe-europe.net/EVSCClient/cda/validator.seam?standard=CDACH&extension=CDACH>

[H](#)

IHE object checker (<https://gazelle.ihe.net/content/gazelle-objectschecker>).

It is not a template authoring tool but it has (or it had) an UML based template modeling tool that can generate validators.

eHealth Exchange Content Testing Program

<https://gazellecontent.sequoiaproject.org/EVSCClient/home.seam>

In response to growing industry pain points surrounding content data quality, eHealth Exchange launched its Enhanced Content Testing Program on February 5, 2018, supported by the Sequoia “Interoperability Testing Platform” (ITP) that enables Participants to submit

representative samples of the clinical content documents such as C-CDAs or C32s that they share over the eHealth Exchange Network. The ITP provides feedback and reports to Participants regarding conformance to structure, vocabulary and content specifications, drawing on respective HL7 C-CDA specifications referenced by Meaningful Use 2011, 2014 and 2015 editions of Meaningful Use requirements.