

CodeX Home



Objective

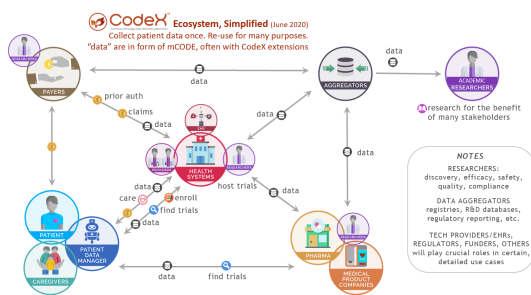
CodeX (Common Oncology Data Elements eXtensions) is a HL7 FHIR Accelerator that is building a community to accelerate interoperable data modeling and applications leading to step-change **improvements in cancer patient care and research**.

CodeX members are achieving interoperability by integrating the **mCODE (minimal Common Oncology Data Elements)** FHIR Implementation Guide -- a standard language for cancer data -- into existing and new applications. As a part of this effort, CodeX will also develop extensions to mCODE as needed for Use-Cases-based projects to be successful.

For background, [see the more detailed overview](#). To stay up to date on all CodeX news, subscribe to the general mailing Listserv below.

[Join a CodeX Listserv](#)

[Leave a CodeX Listserv](#)



Quick Links:

[CodeX Fact-sheet](#)

[mCODE Fact-sheet](#)

[mCODE and CodeX - Overview](#)

[mCODE FHIR IG](#)

[Cancer Data Summit 2019](#)

[HL7's CodeX Webpage](#)

[HL7 Accelerator Resources](#)

Use Cases

A number of potential [CodeX Use Cases](#) are now in the *Discovery* phase. These are Use Cases that promise to substantially improve cancer care and research through community alignment around the use of mCODE and necessary extensions for the sharing of standardized, structured cancer data. Current and prospective CodeX members are reviewing and building out Use Cases that will become the first CodeX projects.

CodeX is also launching the mCODE [Community of Practice](#) to share best practices for basic mCODE implementation within EHRs for data collection and sharing across a growing number of use cases.

Contact [Steve Bratt](#) or [Greg Shemancik](#) to join the conversation.

Membership

A warm welcome to CodeX's [Founding Members](#)! CodeX is currently talking with tens of organizations who are interested in becoming members to enable Smarter Data in the Fight Against Cancer. Contact [Steve Bratt](#) or [Greg Shemancik](#) to discuss [membership options](#).

Operations

Building a community to accelerate the use of a common language for cancer data requires specialized, quality support. As this initiative rolls out, CodeX will document the roles and responsibilities for its Program/Project Management, Steering Committee, Operating Committee, and how CodeX will maintain architectural integrity and accelerate capabilities by training and sharing across the community.

HL7 has compiled an excellent resource on [HL7 and its standards process and tools](#).

Products

As [CodeX Use Cases](#) are prioritized and new projects are started, FHIR Implementation Guides, Best Practices and other projects will be linked from the appropriate [Use Case pages](#).

mCODE/CodeX in the News

- [Healthcare Innovation: ICARE Study Gathers EHR Data for Oncology Research](#)
- [Healthcare IT News: MITRE working with Nuance and Mayo Clinic on AI and automation for clinical datasets](#)
- [NASEM Health and Medicine Division - Monica Bertagnolli, Dana-Farber Cancer Institute /Brigham and Women's Cancer Center](#)

Site Content

- [Learn More About CodeX](#)
- [CodeX Membership](#)
 - [CodeX Membership Options](#)
- [mCODE](#)
 - [Knowledge Base - mCODE](#)
 - [Q's and How-To's](#)
 - [Can mCODE represent two distinct pieces of data on a HistologyMorphology result?](#)
 - [Can you mix ICD-10-CM and ICD-O-3 codes in a cancer condition?](#)
 - [Difference between Tumor Marker Test and Genomics profiles?](#)
 - [Does mCODE support ISCN nomenclature?](#)
 - [How do I report new mCODE issues or feature requests?](#)
 - [How is metastatic recurrence captured?](#)
 - [How were the mCODE 1.0 contents scoped?](#)
 - [How were the PrimaryCancerCondition diagnoses codes determined?](#)
 - [What is the advantage of defining abstract profiles?](#)
 - [What standards were considered in mCODE modeling?](#)
 - [What was used to track comments and decisions prior to ballot?](#)
 - [Where is the payer perspective represented in mCODE?](#)
 - [Why did mCODE use MedicationStatement instead of MedicationRequest?](#)
 - [Why was HistologyMorphologyBehavior modeled as one concept?](#)
 - [KB Management](#)
 - [mCODE Generic Playbook](#)
 - [mCODE Profile Tour](#)
 - [Disease Category](#)
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- [mCODE Community of Practice](#)
 - [Community of Practice Charter](#)
 - [Monthly Meeting Minutes](#)
 - [2020-09-25 CoP Meeting Notes](#)
 - [20200731 CoP Meeting Notes](#)
 - [20200828 CoP Meeting Notes](#)
 - [June 2020 mCODE CoP Meeting](#)
 - [May 2020 CodeX /mCODE CoP Meeting Minutes DRAFT](#)
- [CodeX Use Cases](#)
 - [mCODE++ Extraction](#)
 - [Integrated Trial Matching for Cancer Patients and Providers](#)
 - [Trial Matching Meetings](#)
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 - [Trial Matching Supporting Materials](#)
 - [Cancer Registry Reporting](#)
 - [Oncology Clinical Pathways \(OCP\)](#)
 - [OCP Supporting Materials](#)
 - [Oncology Clinical Pathways: Prior Authorization Support](#)

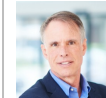
Recent Blog Posts



[CodeX September Newsletter: New Members, Integrated Trial Demonstration, Registry Reporting Starting, and More](#)
[Anthony DiDonato](#) posted on Sep 15, 2020
Welcome to the CodeX <https://confluence.hl7.org/display/COD/CodeX+Home> September newsletter! CodeX (Common Oncology Data Elements eXtensions) is a HL7 FHIR Accelerator, launched at the end of 2019, that is building a community to enable interoperable cancer data modeling and applications. Check out some of our exciting updates below. Join Us in Welcoming our Newest CodeX Members <https://confluence.hl7....>








[CodeX Presenting at the Da Vinci Prior Authorization Support Weekly Conference Call](#)
[Anthony DiDonato](#) posted on Aug 24, 2020
The CodeX Oncology Clinical Pathways: Prior Authorization project team will be presenting at the Da Vinci Prior Authorization Support weekly conference call on Friday, August 28th at 3pm EDT. If you would like to join the call, please follow this link <https://global.gotomeeting.com/join/303685477>. Led by Dr. Jim O'Connor and Carmela Couderc, the CodeX Prior Authorization team will discuss how to leverage oncology clinical pathways and mCODE data elements supporting prior authorization....



[CodeX / mCODE Update: July 2020](#)
[Steve Bratt](#) posted on Jul 14, 2020
Dear CodeX Community Since our last update on mCODE and CodeX <https://confluence.hl7.org/display/COD/2020/02/28/What%27s+New+with+mCODE+and+CodeX>, the world has changed dramatically. I hope you and yours are safe. If you are on reading this, you also understand the impact that cancer has on those close to and far from you and yours. You understand the potential for a common language for cancer data to improve cancer care, research and policy, and to reduce burden and cost....

- Oncology Clinical Pathways: Prior Authorization Support Meetings
- Oncology Clinical Pathways: Prior Authorization Support Supporting Materials
- EHR Endpoints for Cancer Clinical Trials
 - EECT Meetings
 - EECT Supporting Materials
- Radiation Therapy Treatment Data for Cancer
- CodeX Data Element / Profile / Value Set Analysis
 - Data Element / Profile / Value Set Details
 - CodeX Data Element / Value Set / Profile Comments
- mCODE Test Data
- Community Tools
- Useful Resources
- Cancer Data Summit 2019
 - Cancer Data Summit 2019 Photos
- Codex Program Plan July 2020 - July 2021
- CodeX 2020 Calendar

Team	
<p>Steve Bratt sbratt@mitre.org</p> 	<p>Position: CodeX Lead</p>
<p>Gregory Shemancik gshemancik@mitre.org</p> 	<p>Position: Deputy CodeX Lead</p>
<p>Rute Martins rute@mitre.org</p> 	<p>Position: Technical Lead</p>
 <p>Carmela A. Couderc ccouderc@mitre.org</p>	<p>Position: Deputy CodeX Tech Lead</p>
 <p>Rebecca Hack rhack@mitre.org</p>	<p>Position: Scrum Master</p>

Recently Updated

[2020-09-25 CoP Meeting Notes](#)
yesterday at 10:44 PM • updated by Caroline Potteiger • view change

[2020-09-25 CoP Meeting Notes](#)
yesterday at 8:56 PM • updated by Anthony DiDonato • view change

[mCODE Community of Practice](#)
yesterday at 7:44 PM • updated by Anthony DiDonato • view change

[Monthly Meeting Minutes](#)
yesterday at 7:44 PM • updated by Anthony DiDonato • view change

[2020-09-25](#)
yesterday at 7:03 PM • updated by Caroline Potteiger • view change

[09.25.20-Community_Meeting_CoP.pptx](#)
yesterday at 5:43 PM • attached by Anthony DiDonato

[Economics of mCODE_092020\[1\].pptx](#)
yesterday at 5:42 PM • attached by Anthony DiDonato

[CodeX_ICAREdata_Update_2020.09.24_v2 - Read-Only.pptx](#)
yesterday at 5:40 PM • attached by Anthony DiDonato

[CodeX September Newsletter: New Members, Integrated Trial Demonstration, Registry Reporting Starting, and More](#)
yesterday at 2:37 PM • updated by Steve Bratt • view change

[CodeX 2020 Calendar](#)
yesterday at 2:34 PM • updated by Anthony DiDonato • view change

[Outcome Category](#)
Sep 24, 2020 • updated by Caroline Potteiger • view change

[Labs and Vitals Category](#)
Sep 24, 2020 • updated by Caroline Potteiger • view change

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Sep 24, 2020 • attached by Caroline Potteiger

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Sep 24, 2020 • attached by Caroline Potteiger

[image2020-9-24_13-23-2.png](#)
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