Objective

CodeX (Common Oncology Data Elements eXtensions) is an HL7 FHIR Accelerator, with the purpose of building a community to accelerate interoperable data modeling and applications. CodeX seeks to accomplish this by advocating the use of a common language for cancer data, specifically the mCODE (minimal Common Oncology Data Elements) language. As a part of this effort, CodeX will work to ascertain and help develop new extensions to mCODE as critical Use Cases are established and refined.

Adoption of mCODE-based collection and sharing of cancer data will enable semantic interoperability between stakeholders which will then usher in step-change improvements in cancer care and research benefiting all cancer patients.

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

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.

Check back in February for more information.

Products

As CodeX Use Cases are prioritized and new projects are started, FHIR Implementation Guides, Best Practices and other projects will be linked here. Stay tuned.

Site Content

- Learn More About CodeX
- CodeX Membership
  - CodeX Membership Options
- mCODE Community of Practice
  - Community of Practice Charter
  - CoP Meetings
    - April 2020 CodeX /mCODE CoP Meeting Minutes
  - CoP Supporting Materials
  - mCODE Generic Playbook
- CodeX Use Cases
  - mCODE Extraction
  - Empowering Patients to Find Clinical Trials (EPFCT)
    - EPFCT Supporting Materials
  - Registry Reporting
  - Clinical Cancer Data Exchange (CCDE)
    - CDE Supporting Materials
  - Oncology Clinical Pathways (OCP)
    - OCP Supporting Materials
  - EHR Endpoints for Clinical Trials (EECT)
  - Radiation Therapy Treatment Data (RTTD)
- mCODE Test Data
- Community Tools
- Useful Resources
- Cancer Data Summit 2019
  - Cancer Data Summit 2019 Photos

Team

<table>
<thead>
<tr>
<th>Name</th>
<th>Position</th>
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<tbody>
<tr>
<td>Steve Bratt</td>
<td>CodeX Lead</td>
</tr>
<tr>
<td>Gregory Shemancik</td>
<td>Deputy CodeX Lead</td>
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<tr>
<td>Carmela A. Couderc</td>
<td>Deputy CodeX Tech Lead</td>
</tr>
<tr>
<td>Rebecca Hack</td>
<td>Scrum Master</td>
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Recently Updated

- mCODE Community of Practice
  13 minutes ago • updated by Zeshan A. Rajput • view change
  mCODE1-0_ClinicalGenomicsOverview_ext.pptx
- UTSW NGS Clinical Trial Matching_2.3.20 (002).pptx
  May 01, 2020 • attached by Zeshan A. Rajput
  mCODER.pptx
  May 01, 2020 • attached by Zeshan A. Rajput
- CodeX Membership
  Apr 30, 2020 • updated by Steve Bratt • view change
  042420-Community_Meeting-04.pptx