

OCTOBER 2023
SNOMED INTERNATIONAL BUSINESS MEETINGS

SNOMED
International

WELCOME TO ATLANTA

MONDAY OCTOBER 23, 2023
ATLANTA, GEORGIA, UNITED STATES

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terminology,
worldwide*

**CEO
WELCOME**
Don Sweete



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COMMUNITY OF PRACTICE UPDATES

MONDAY OCTOBER 23, 2023
ATLANTA, GEORGIA, UNITED STATES

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October 2023 community updates

GLOBAL REPORT

Liara Tutina

PRODUCT & SERVICES

Rory Davidson

CONTENT

Dr. Jim Case

IMPLEMENTATION

Anne Randorff Højen

CLINICAL ENGAGEMENT

Ian Green

PRODUCT RELEASE ROADMAP Andrew Atkinson

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GLOBAL REPORT

LIARA TUTINA

CUSTOMER RELATIONS EXECUTIVE
ASIA & PACIFIC

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Global Report

- Warm welcome to our newest members Croatia and France since we last met.
- National Cancer synoptic reporting pilot underway in Italy
- Participation in EU projects - xShare, XpanDH
- New member onboarding for El Salvador and Jamaica completed
- Global license with Otsuka Pharmaceutical is being extended
- Design and prototype completed with Apple for consumer facing usage
- Bahmni Phase 1 complete and Phase 2 underway - expected completion end of December
- Certification Framework under development with plans to share with members in the next couple of months for comment

AMERICAS

1. Completed new member onboarding for El Salvador and Jamaica
2. Finalized approvals for Canadian Clinical Drug Dataset
3. Participation and attendance at PAHO and LATAM conferences
4. Assisting Uruguay with data analytics initiative
5. In discussions with Colombia and Costa Rica MoH

EUROPE, MIDDLE EAST & AFRICA

1. New members - France and Croatia
2. Italy - national pilot (Cancer synoptic reporting)
3. Conference presentations (SNOMED Clinical analytics) - MIE2023 and Vitalis
4. EU project participation (xSHARE, XpanDH)
5. Qatar in process of finalizing Membership
6. UAE creating refsets for clinical findings and disorders
7. Kuwait Membership discussions ongoing

ASIA PACIFIC

1. Completed new member onboarding programme for Indonesia.
2. Presentation delivered and business development at CHIMA conference in Fuzhou, China.
3. Stakeholder engagement at MEDINFO 2023, Sydney.
4. SCT implementation training programme delivered for stakeholders in New Zealand.
5. Discussions with Kyrgyzstan held.

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PRODUCT & SERVICES

RORY DAVIDSON

CHIEF INFORMATION OFFICER

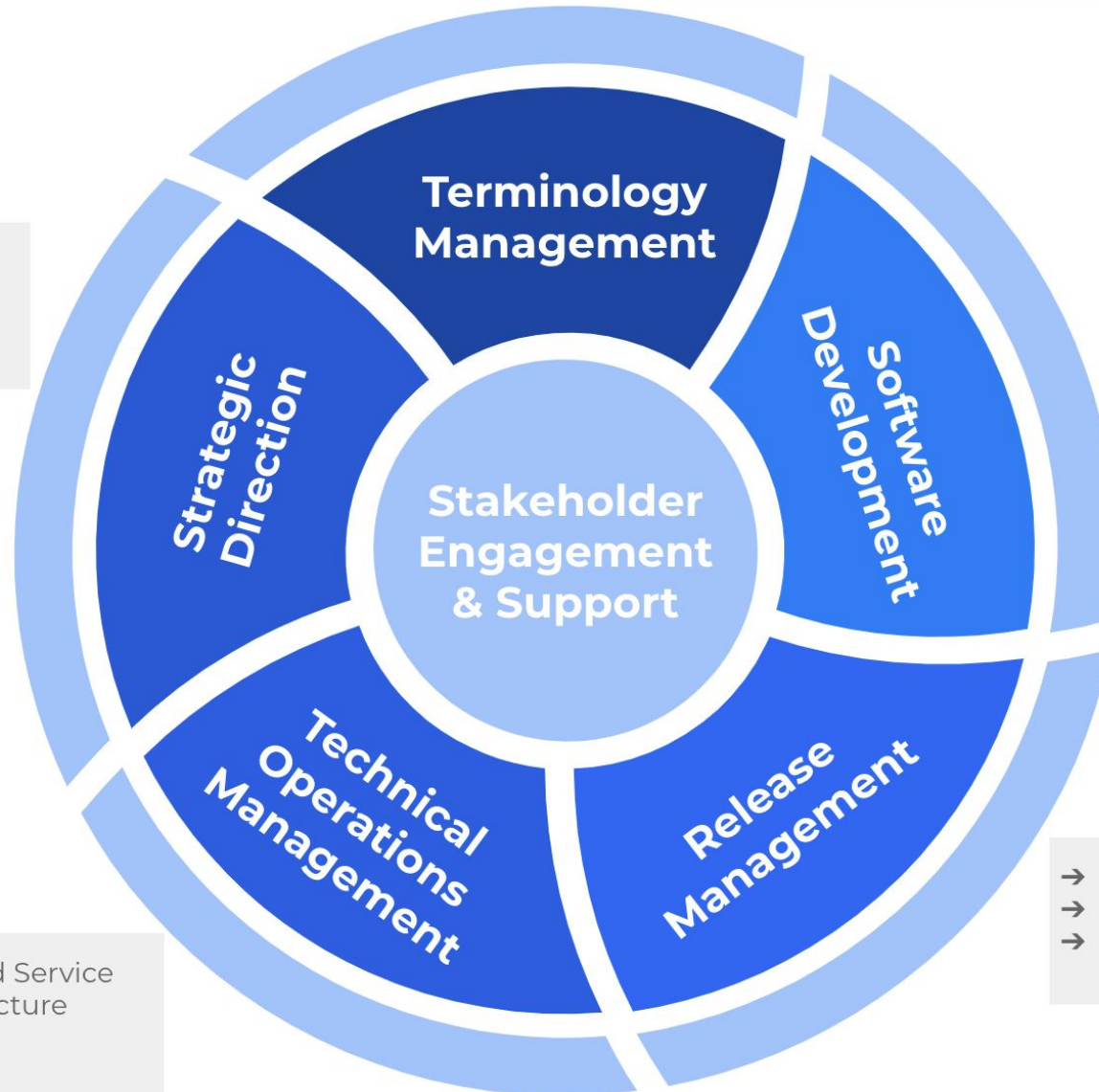
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Products & Services

- SNOMED CT Content
- Terminology Mapping
- Quality Assurance

- Strategic planning
- Content and Technology Analysis & Design
- Steering group

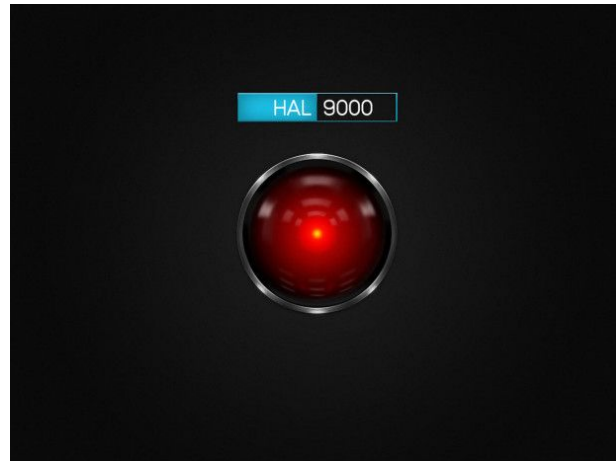
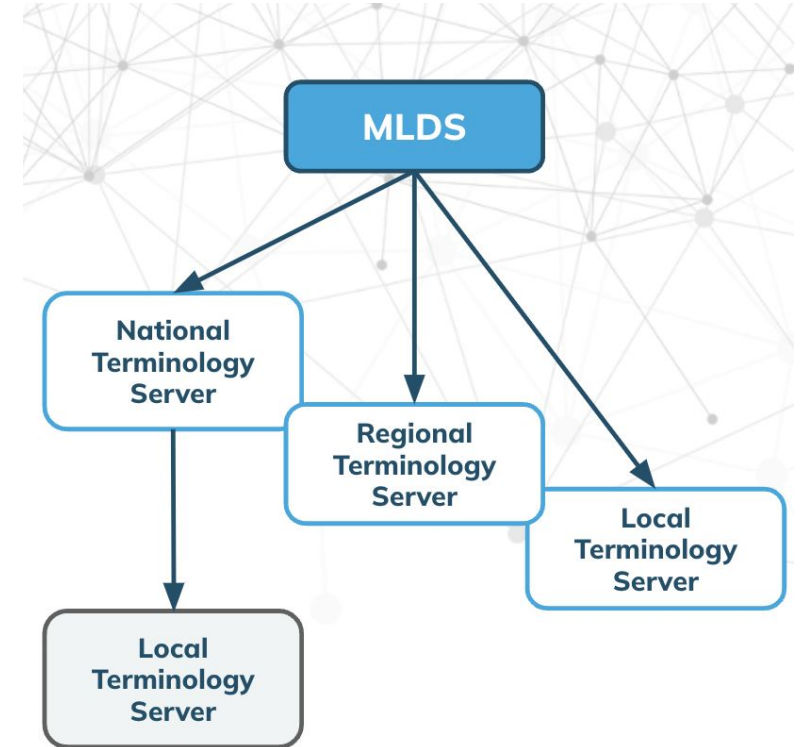


- Software Design,
- Software Development
- Software Testing
- Project Planning

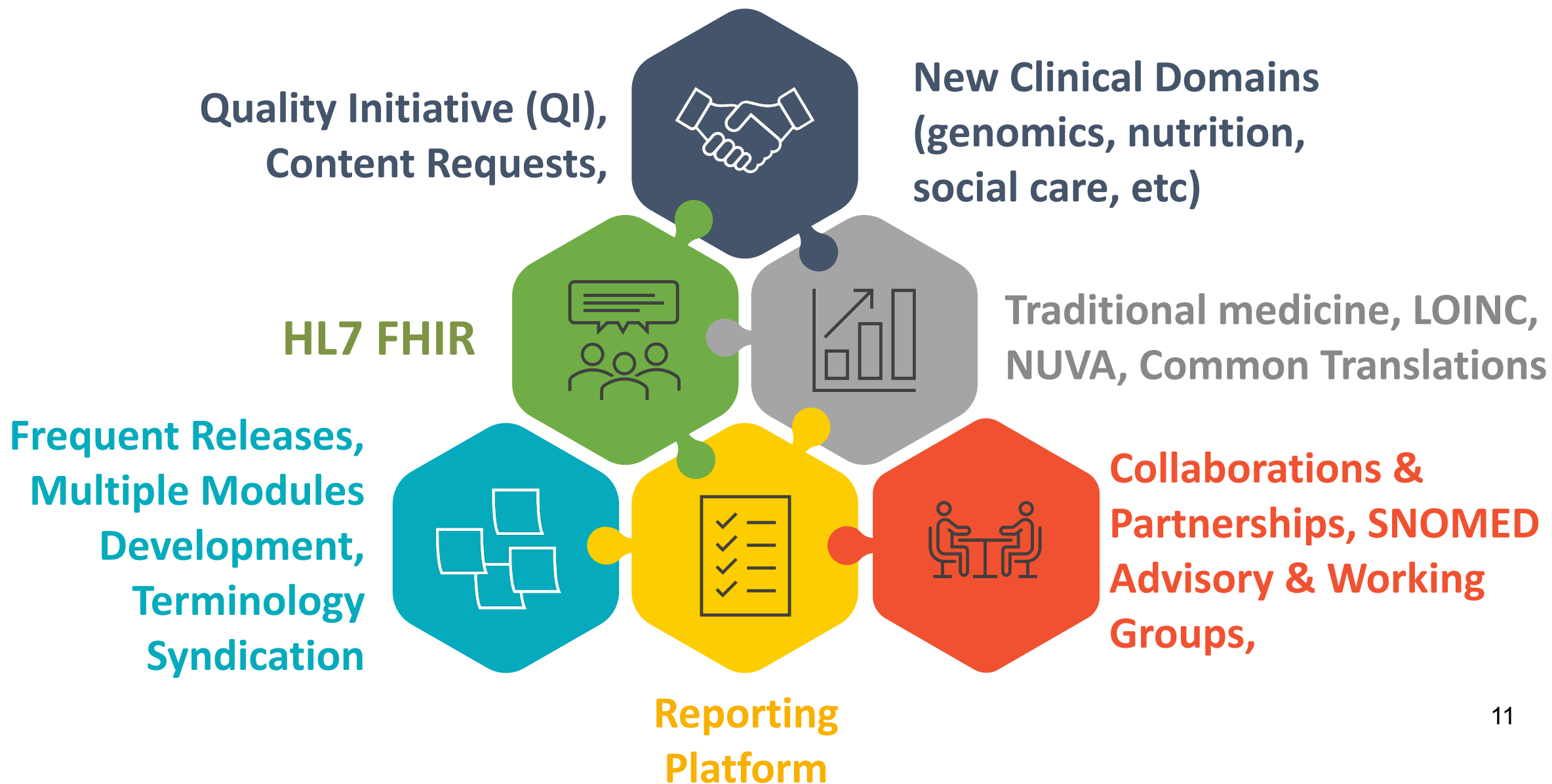
- Release Planning
- Content Releases
- Software Releases

- Managed Service
- Infrastructure
- DevOps
- Support

Key Highlights



All coming together



The Team

Andrew Atkinson	Cathy Richardson	Chris Morris	Chris Swires	Darryn McGaw
Donna Morgan	Elaine Wooler	Elena Ilyukhina	Farzaneh Ashrafi	Jim Case
Jim Cornmell	Joe Schofield	Krista Lilly	Lee Chapman	Maria Braithwaite
Michael Chu	<i>Michael Jones</i>	Monica Harry	Nicola Ingram	Peter Duff
Peter G. Williams	<i>Ray Rahat</i>	Rory Davidson	Sarah Warren	Sonja Ulrich
Steve Archbold	Suzanne Santamaria	Terance Shird	Victor Medina	Yongsheng Gao

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CONTENT

DR. JIM CASE

CHIEF TERMINOLOGIST

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Content - Quality Improvement

2023:

Total SCT concepts	363,980
Out of scope	137,739 (No Model)
In scope	226,241
Completed	103,892

Template compliance: **45.9%**

Compared to 2020:

Total SCT concepts	353,200
Out of scope	141,854 (No Model)
In scope	211,346
Completed	54,212

Template compliance: **25%**

Content - Ongoing collaborative projects

- **Nutrition CRG**
 - Updating of nutrition observable content has been completed.
 - Project is now focusing on use cases for creation of a NCPT (Nutrition Care Process Terminology) refset
 - Next review of content under 384760004 |Feeding and dietary regime (regime/therapy)|; 373783004|Dietary product (product)|
 - Expo presentation Thursday 1:30 - Hub 1
- **Microbiology project group**
 - International group collaborating on addition of organisms from extensions.
 - Promotion of 707 and creation of 42 bacteria and virus concepts
 - Next focus on promotion of Eukaryotic organisms
 - Update on project delivered during the Expo; Friday 2:00 pm - Hub 4
- **Histology Improvement project - Pathology working group**
 - Comprehensive review of subtypes of 108369006 |Neoplasm (morphologic abnormality)|
 - Aim is to align naming and taxonomy with WHO Classification of tumors (i.e. Blue book)
 - Has completed initial review of Epithelial Neuroendocrine neoplasms
 - Consultation note on impacts of changes to be circulated
- **Drug Content Analysis Project**
 - Similar in process to the Microbiology project group
 - Initial focus on Anti-infectives
 - Next phase: Oral antidiabetic agents
 - Meeting Wednesday 10/25 13:30 - Hub 2

Content - Business as Usual

April - September 2023	Count
Average number of new concepts added monthly	828
Average number of modified concepts monthly	394
Average number of new or modified descriptions monthly	3,813
Percent of new content added as sufficiently defined	>80%

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IMPLEMENTATION SUPPORT

ANNE RANDORFF HØJEN

IMPLEMENTATION SUPPORT SPECIALIST

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Implementation

The screenshot shows the 'SNOMED CT Translation' section of the portal. It features a search bar at the top, a navigation menu with 'Home', 'Services', 'Adoption journey', 'Implementation process', and 'Implementation maturity'. The main heading is 'SNOMED CT Translation' with a sub-heading: 'The global dissemination of SNOMED CT increases the need to provide the terminology in many different languages. SNOMED CT has a built-in framework to manage different languages and dialects. This page provides the information required to get started with a translation of SNOMED CT.' Below this, there are two main sections: 'Translation Guidance' with a 'Learn More' button, and 'Member Translations' with a 'Learn More' button.

The screenshot shows the Bahmni EHR website. The header includes 'Bahmni Lite v1.0 released! Click here to know more...' and navigation links: 'HOME', 'PRODUCT', 'GET STARTED', 'ABOUT US', 'DONATE', 'COMMUNITY', 'CONTACT'. The main heading is 'SNOMED CT SUPPORT' with the SNOMED International logo and the tagline 'Leading healthcare terminology, worldwide'. A sub-heading reads 'Integration of Bahmni with SNOMED CT & Snowstorm Server over FHIR'. The text describes how Bahmni allows clinicians, researchers, and hospital administrators to use SNOMED CT as a reference terminology. Below the text is a screenshot of the SNOMED CT browser interface integrated with Bahmni.

The screenshot shows the 'SNOMED CT Implementation Demos' tool. It features a 'Select Demonstration' button and a progress bar at 30%. The main heading is 'FHIR Questionnaire Terminology Bindings Validation Tool'. Below this, there is a table with columns: '#', 'Path', 'Code', and 'Display'. The table lists 12 items, including various operative procedures and their corresponding SNOMED codes and display names. For example, item 1 is 'Operative procedure' with code '2620001000004108' and display 'Specimen collection procedure (observable entity)'. Item 12 is 'Operative procedure -> answerValueSet [ECL]' with code '401004' and display 'Concept FSN: Distal subtotal pancreatectomy (procedure)'.

The screenshot shows the 'SNOMED CT Simple Extension Tool' interface. It includes a 'Test' section with 'Edit Content', 'Manage Edition', and 'Edition Info' options. Below this, there is a 'Edition artifacts' section with several items: 'Second Subset (foundation metadata concept) Subset', 'Test Subset (foundation metadata concept) Subset', 'First map (foundation metadata concept) Map', and 'My Translation (foundation metadata concept) Translation'. A 'New artifact' button is also visible.

Translation Portal

New implementation support portal section

Bahmni EHR

Open-source EHR with SNOMED support

Cancer Synoptic Reporting

Implementation Guide + FHIR Questionnaires

Simplex Toolkit

A toolkit for creating simple, self managed, SNOMED Extensions

Implementation

- The implementation team has continued its implementation support activities **helping members, organizations and vendors** to obtain the best possible benefits from SNOMED implementations.
- The **new Translation Portal** provides easy access to all the information available about planning translation projects, performing translation activities and implementing quality assurance processes. A new hub for all translation resources.



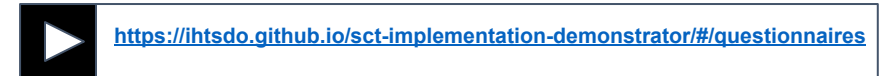
- **Bahmni**, the **open-source EHR suite**, now has full support for clinical coding with SNOMED CT. A new phase in the bahmni project brings new features:

- ICD-10 reporting for public health statistics
- New Clinical Decision Support Rules
- Integration with SNOMED CT Analytics (Snolytical)
- New Micro FHIR Terminology Server (scalable terminology services for low resources settings)



Implementation

- The **Cancer Synoptic Working Group** has developed terminology bindings and has updated SNOMED CT content to support the representation of Synoptic Reports. A new **Implementation Guide** provides a framework for adopting Synoptic reporting using a set of open-source tools based on the HL7 **FHIR Questionnaires** standard.



- The **Simplex Toolkit** simplifies the creation and maintenance of "simple" SNOMED Extensions
 - **Free**, open-source, and self serviced
 - Designed with the 80/20 rule in mind
 - Resolve the simplest 80% of the use cases for an extension (e.g. only creates primitive concepts)
 - **Imports data from existing free SI services** and from local spreadsheets
 - Refset & Translation tool exports, Snap2Snomed maps, Weblate translations, etc
 - Handles metadata concept creation, namespaces, Ids generation
 - Supports integration with SI Classification and Release Validation Services
 - **Creates RF2 releases** ready to use in browsers and clinical implementations



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CLINICAL ENGAGEMENT

IAN GREEN

CUSTOMER RELATIONS LEAD, EUROPE &
GLOBAL CLINICAL ENGAGEMENT LEAD

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Clinical Engagement

- 8 CRGs and 3 clinical project groups
 - Clinical discussions
 - Focused mainly on content issues
 - Increasing discussions on clinical implementation
- Proposed future groups
 - Neurology
 - Public health
 - Social Care Reference Group
- Clinical leads group
 - Facilitate cross CRG/project group working
 - Provide high level clinical feedback on SNOMED developments

Clinical Engagement

- Conference/presentations

- Karolinska - MSc Clinical Informatics (planned for December 2023)

Clinical analytics and practical examples of SNOMED CT supporting clinical use case requirements

- MIE2023 (May 2023)

Clinical analytics and leveraging expression queries to support clinical decision making

- Vitalis 2023 (May 2023)

Supporting nursing practice through the use of SNOMED CT

Nursing presentation on the use of SNOMED CT, presented by ANPs from Barts Health, London, UK

Clinical Engagement

- Clinically focused Implementation Guides
 - Development of guides to support implementation focused on specific clinical use cases
 - Target audience are clinicians and clinical system developers
 - Initially allergies and cancer synoptic reporting
 - Support discussions between clinicians and vendors on the development of clinical interfaces and system functionality in general

Guides

- Allergies guide (currently out for consultation)
- Cancer Synoptic reporting (scheduled to go out for consultation)
- Nutrition Care Pathway (planned)

Clinical Engagement

- **Clinical Networks**

LATAM SNOMED Clinical Network

- Virtual clinical network, with quarterly meetings
- Facilitate local engagement to get benefits from global developments
- Presentations will be provided in Spanish

First meeting - November 2023

- Covering, “Introduction to SNOMED International”, “Public health use case from Argentina”

Scheduled - Second meeting: February 2024



Chair: Victor Medina

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PRODUCT RELEASE ROADMAP

ANDREW ATKINSON

RELEASE MANAGER

SNOMED
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New Product Releases

EDQM Dose Forms to SNOMED CT Map

1. The first Production release of this new product was published in May 2023, dependent on Jan 2023.
2. The RF2 Map package, Release Notes + User Guide can all be found in MLDS: <https://mlds.ihtsdotools.org/#/ihtsdoReleases/ihtsdoRelease/895276>

Spanish Edition

1. SNOMED International have now refined their processes to introduce new efficiencies.
2. We are therefore now able to Publish the Spanish Edition earlier each cycle - on 31st March and 30th September each year, from September 2023 onwards.

Managed Service - Korea Alpha release

1. The first Managed Service release of the Korea Extension was published in September 2023.
2. The Release package is available from the Korean NRC, or SNOMED International on request.

International Release Dates have Transitioned to the 1st of the Month

- The monthly International Edition Releases used to be published on the final day of the month, which caused various practical issues for our community:
 - Multiple instances of concepts being promoted to International Edition before being formally published
 - This introduced duplicates into Extensions due to clash of their effectiveTime with current INT effectiveTime
 - Unnecessary overhead to validate the date each month
- After significant consultation, it was therefore agreed that these issues could be mitigated by moving the release date of each monthly International Edition package to the first of each month.
- We have therefore refined the International Edition Release schedule, as part of our ongoing commitment to innovation and process improvement.
- The first releases published on the new schedule were:
 - 1 September 2023
 - 1 October 2023
- For full details please see the Q&A blog post here: <https://www.snomed.org/news/blog%3A-the-snomed-ct-international-edition-to-be-published-on-first-day-of-each-month>

Terminology Release Advisory Group (TRAG)

Tuesday 24th October 2023

(13:30-17:30)

(in person + remote conference call)

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1. A wide variety of agenda items will be covered, including:
 - Annotations - refset types, formats, release dates
 - Proposed Deprecation of CNC indicators
 - LOINC Extension ALPHA release feedback
 - Derivative product release formats
2. Please feel free to read the minutes & post questions:
<https://confluence.ihtsdotools.org/pages/viewpage.action?pageId=193922061>
3. ***Observers are welcome as always, and we'd like to thank everyone dialling in remotely for their dedication in attending at some "interesting" times of day + night!***



Additional information

Join us at tonight's **Welcome Reception**



18:00 - 20:00

Wimbish House

1150 Peachtree St NE, Atlanta, GA
30309

5 min walk from the hotel

Light refreshments will be served

Limited space available for Fowling tomorrow!





***Global terminology
enabling quality
information exchange***

Enjoy the Business Meetings

October 21-25: Business Meetings

October 26-27: SNOMED CT Expo 2023



info@snomed.org



www.snomed.org