SNOMED CT and Common Terminology Services 2

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Audience
Technical – potential implementers and/or consumers of SNOMED CT terminology services.

Learning objectives
An understanding of the purpose and use of the Common Terminology Services 2 (CTS2) specification and how it can be used to publish and access SNOMED CT content and extensions.

An understanding of the purpose for the SNOMED CT CTS2 Implementation Guide – why such a guide is needed for the CTS2 specification as well as why a similar sort of guide would be important for any shared terminology server model.

Outline
The tutorial will cover the following topics

1) Introduction to terminology services – purpose, requirements and the need for standards.
2) History and status of the Common Terminology Services 2 specification
3) Scope and purpose of the CTS2 specification
4) Walk through of the IHTSDO CTS2 Implementation Guide
5) Implementation examples
   - BioPortal
   - itServer
   - py4cts2
   - NLM Meaningful Use Value Set server
6) Discussion of issues and future directions.

Prior reading

Additional materials