



Introduction to BRIDG Course
1 ½ Hour virtual learning course

Course Overview and Benefits

This session will cover a brief history of BRIDG, a quick look at basic UML modeling and an introductory look at the BRIDG model. The student will learn how the BRIDG Model supports interoperability, harmonization among standards, and a link between healthcare and medical research

The BRIDG Model is a Domain Analysis Model (DAM) that is being developed through a collaborative effort of stakeholders from the Clinical Data Interchange Standards Consortium (CDISC), the HL7 Regulated Clinical Research Information Management Technical Committee (RCRIM TC), the National Cancer Institute (NCI), and the US Food and Drug Administration (FDA).

Audience

The course is aimed towards individuals who are involved with protocol driven research that need to provide requirements for or develop software, messages or standards.

Detailed Course Content

Introduction to BRIDG

- Scope, History, and Governance
- Collaboration of Stakeholders
- BRIDG Advisory Board
- Technical Harmonization Committee

Unified Modeling Language

- UML Class Diagrams and Example
- BRIDG Backbone Classes
- Instance Diagrams
- Activity Diagrams

Why BRIDG?

- Definitions
- Data Analysis Model
- Components
- Communicating about “Domains”
- Problems Solved and Created
- The Unified Process

Data Types

- Simple vs. Complex

How BRIDG is used?

- Examples

Interfacing with Controlled Vocabularies

- Downloading the Model
- gForge Site
- Accessing Model Files
- Browsing Subversion Repository
- BRIDGE Model File and Demonstration
- Instance Diagram Example
- Activity Diagram Example
- State Diagram

Current Version of BRIDG

- Recent Changes
- BRIDG Release 2.0
- Project Documentation and Release Notes
- Release 1.1 Mapping Spreadsheet