

i2b2

i2b2 (Informatics for Integrating Biology and the Bedside) is an NIH-funded National Center for Biomedical Computing based at Partners HealthCare System. It provides a user friendly interface to look at VDW data. <https://www.i2b2.org/>



Group Health i2b2 Implementation

 Group Health i2b2 IRB approval May 2010 — [ download]

Group Health i2b2 To Do List

 GH i2b2 Concept Code Definitions — [ download]



How the "standard" i2b2 concept codes are defined at Group Health, circa October 2010.

 GH VDW-to-i2b2 Program Code - step 1 (vdw_to_i2b2_step1_vdw_extraction.sas) — [ download]



SAS program that extracts data from the standard VDW files to a format that i2b2 will accept. See comments in file for details.

 GH VDW-to-i2b2 Program Code - step 1 include file (vdw_to_i2b2_step1_plugin_code.sas) — [ download]

SAS program code included by the main step 1 program so that custom site-specific facts can be woven in if so desired. See file comments for details.

 GH VDW-to-i2b2 Program Code - step 2 (vdw_to_i2b2_step2_export_to_csv.sas) — [ download]

SAS program to convert the step 1 output SAS dataset file to CSV flat file. See program comments for details.

 GH VDW-to-i2b2 Program Code - step 3 (vdw_to_i2b2_step3_load_i2b2_mssql.sql) — [ download]

Microsoft SQL Server (MSSQL) T-SQL script that clears out the current contents of the i2b2 database's Observation_Fact table and inserts the CSV data (created in step 2) into it. See file comments for details.

Ontology Development

****DEC 2011**** I've uploaded most of our actual I2B2 metadata tables. Theoretically you can just import these into your metadata.i2b2 and demodata.concept_dimension tables in order to have a working query interface. Set of programs, presentations, and annotated code that will help you implement your own Ontology over VDW data.