

caBIG Vocabularies and Common Data Elements Workspace Participant Form

Please complete this form in advance of the caBIG kickoff meeting and return by e-mail to adamsm@mail.nih.gov. Completed forms will be made available to all participants in advance of the meeting to enhance workspace discussions. You should also use the information on this worksheet to structure your presentation. Additional materials you would like reviewed but will not have time to present can be submitted in advance to the email address above and we will see that it is made available to the other Workspace participants.

1. Sponsoring Cancer Center

Holden Comprehensive Cancer Center, The University of Iowa

2. Workspace

Vocabularies and Common Data Elements

3. Software systems you are familiar with, would recommend, or should be built, relevant to vocabulary and common data elements

a. editing

CDOCS (Cancer Distributed Ontology Consensus System -- University of Iowa), a software system to support the collaborative construction of new cancer-related ontologies, and to enable distributed cancer center clinicians and researchers to reach consensus on new cancer phenotypes or subtypes.

JENA 2 – Semantic Web Framework

PROMPT and PROTÉGÉ Ontology Design, Merging, and Alignment Tools

b. distribution

Ontology Brokers, Middle Agents, UDDI (Universal Description, Discovery, and Integration of Web Services)

4. Data standards relevant to caBIG

XML, Resource Description Framework (RDF), and the Web Ontology Language (OWL).

5. Mechanisms for engaging caBIG domain workspaces in data standards development and recommendations

Involve caBIG domain workspaces in a user-centered design process for CDOCS user interface design and testing.

6. Mechanisms for engaging architecture workspace to coordinate the delivery of semantic content

Work with architecture workspace in the development of ontology distribution system and the integration of the CDOCS system.