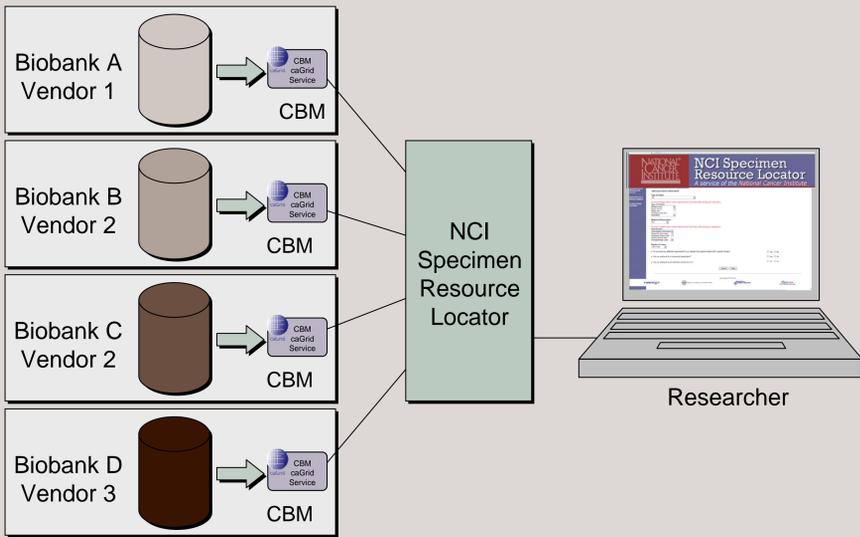


Easing the Burden of Specimen Search through a Common Biorepository Model (CBM)

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CBM Usage Model



Biorepositories utilize vendor software to manage specimens and store associated data. Summary-level details are extracted from the vendor systems and stored in a CBM.



Biospecimen Collection

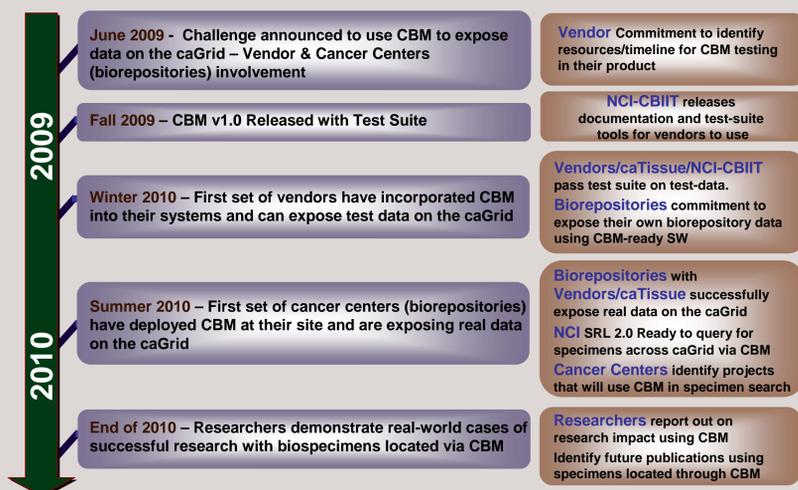


Biospecimen and Data Storage



Summary Data Transfer to CBM

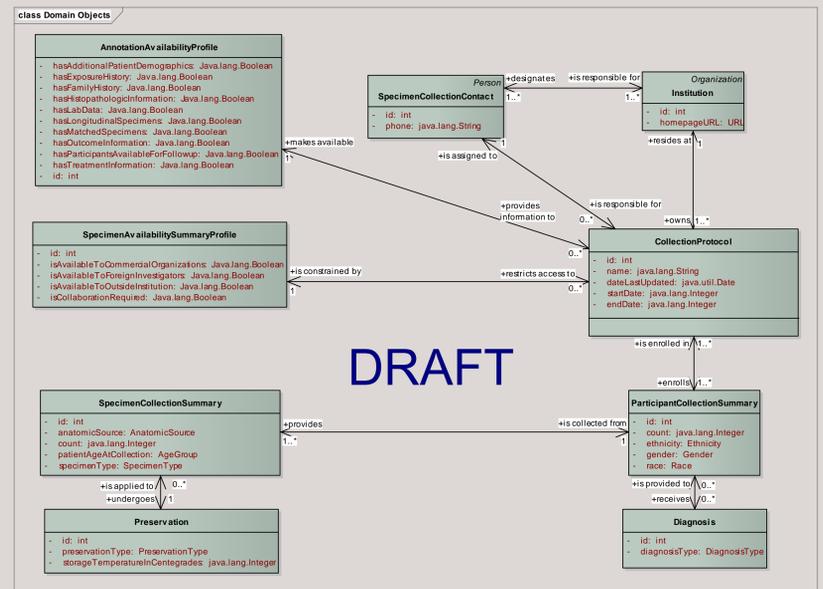
CBM Vendor Challenge



With vendor support, biorepositories will gain the ability to publish biospecimen data to the grid, allowing a specimen resource locator the ability to expose the holdings of multiple institutions with a single search.

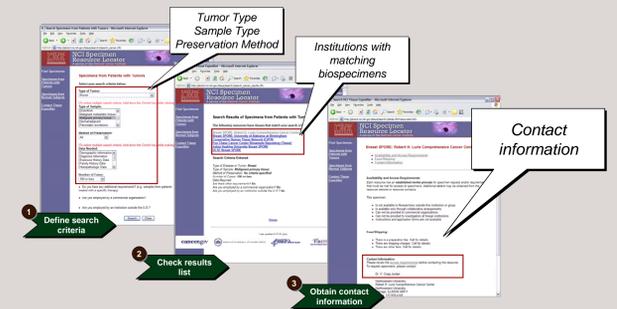
To participate in the CBM Challenge, please contact:
 Anna Fernandez PhD, caBIG@ TBPT Workspace Lead, fernandez_anna@bah.com

Proposed CBM Model



DRAFT

Summary-level information that describes biospecimens is stored in the CBM and can be searched through a specimen resource locator



Specimen Resource Locator:
<http://biospecimens.cancer.gov/locator>



Order Details Communicated

Summary

- The CBM provides a simple model that can be incorporated by multiple vendors, to allow a single federated search across multiple biorepositories.
- The CBM will serve as a database for a specimen locator (such as OBBR's Specimen Resource Locator). The locator will allow a high-level search and will provide biorepository contact information for detailed questions.
- Once approved by the caBIG™ review process, biorepository adopters will be able to publish summary-level descriptions of data to caGrid.

CBM Related Sites:
 CBM GForge Site for Latest Draft Versions / Comment Area:
<http://gforge.nci.nih.gov/projects/tbptcbmwg>
 caBIG@ Tissue Banks & Pathology Tools Workspace:
<https://cabig.nci.nih.gov/workspaces/TBPT>
 OBBR – Office of Biorepositories and Biospecimen Research:
<http://biospecimens.cancer.gov>

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Experiment Conducted