

# DLF ILS-BDI API (etc)

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# What the heck is DLF ILS-DI API?

“From the standpoint of libraries it would be ideal to be able to mix-and-match ILS and discovery platforms to suit local needs. To create such a rich environment the library and vendor community will need agreement on the specific technical details of how discovery and ILS systems are to integrate.”

- Peter Brantley, DLF Executive Director, 5/23/2007

[http://blogs.lib.berkeley.edu/shimenawa.php/2007/05/23/ils\\_abstraction\\_api](http://blogs.lib.berkeley.edu/shimenawa.php/2007/05/23/ils_abstraction_api)

# What was the Berkeley Accord again?

- Basic set of functionality essential for libraries to take advantage of new discovery systems (ILS-BDI)
- Agreement from April 4, 2008
- Harvesting
  - Full and incremental, bib and holdings/circ
- Availability
  - Real-time availability of item
- Linking
  - Stable link to item in OPAC providing request links

# Who Agreed to Support This?

- Talis
- Ex Libris
- LibLime
- BiblioCommons
- SirsiDynix
- Polaris Library Systems
- VTLS
- California Digital Library
- OCLC
- AquaBrowser

# ILS-BDI: August Update (v. 1.1)

- What's an incremental harvest?
  - anything added, updated, or no longer available for discovery within a date range
- HarvestBibliographicRecords
  - OAI-PMH
  - oai\_dc + marcxml (if underlying service is marc)
  - support deleted attribute for incremental harvesting
- HarvestExpandedRecords
  - all of the above, plus
  - include bib record, item identifiers, MARC holdings

# ILS-BDI: August Update

- **GetAvailability**
  - REST/XML
  - return dlf:simpleavailability
  - if item level identifier used (or item level response requested), must return item level availability
- **GoToBibliographicRequestPage**
  - supported for all bibliographic records relevant to discovery
  - durable templated URL to link to catalog page (w/ requesting functionality)

# Next Steps

- <http://www.diglib.org/architectures/ilsdi/>
- <http://groups.google.com/group/ils-di>
- Jangle adapter; similar services in XC's toolkits
- What is next step?
  - Test suite and validation services?
  - Well-defined schema for holdings/items?
  - Vendor nagging?
  - Production implementation?
  - Formalization as standard?