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GPO's Digital Content System

Update for the Fall Conference of the
Depository Library Council

October 23, 2006

Agenda

- Program overview and updates since the April meeting
- Introduction to Harris Corporation, the Master Integrator for FDsys
- System testing plans and an overview of activities for the next 6 months
- Q & A

FDsys overview

GPO's Future Digital System will be a world class system for managing official Government content.

The system will verify and track versions, assure authenticity, preserve content, and provide permanent public access.

The system will be:

- Rules based
- Policy neutral
- Modular and adaptable

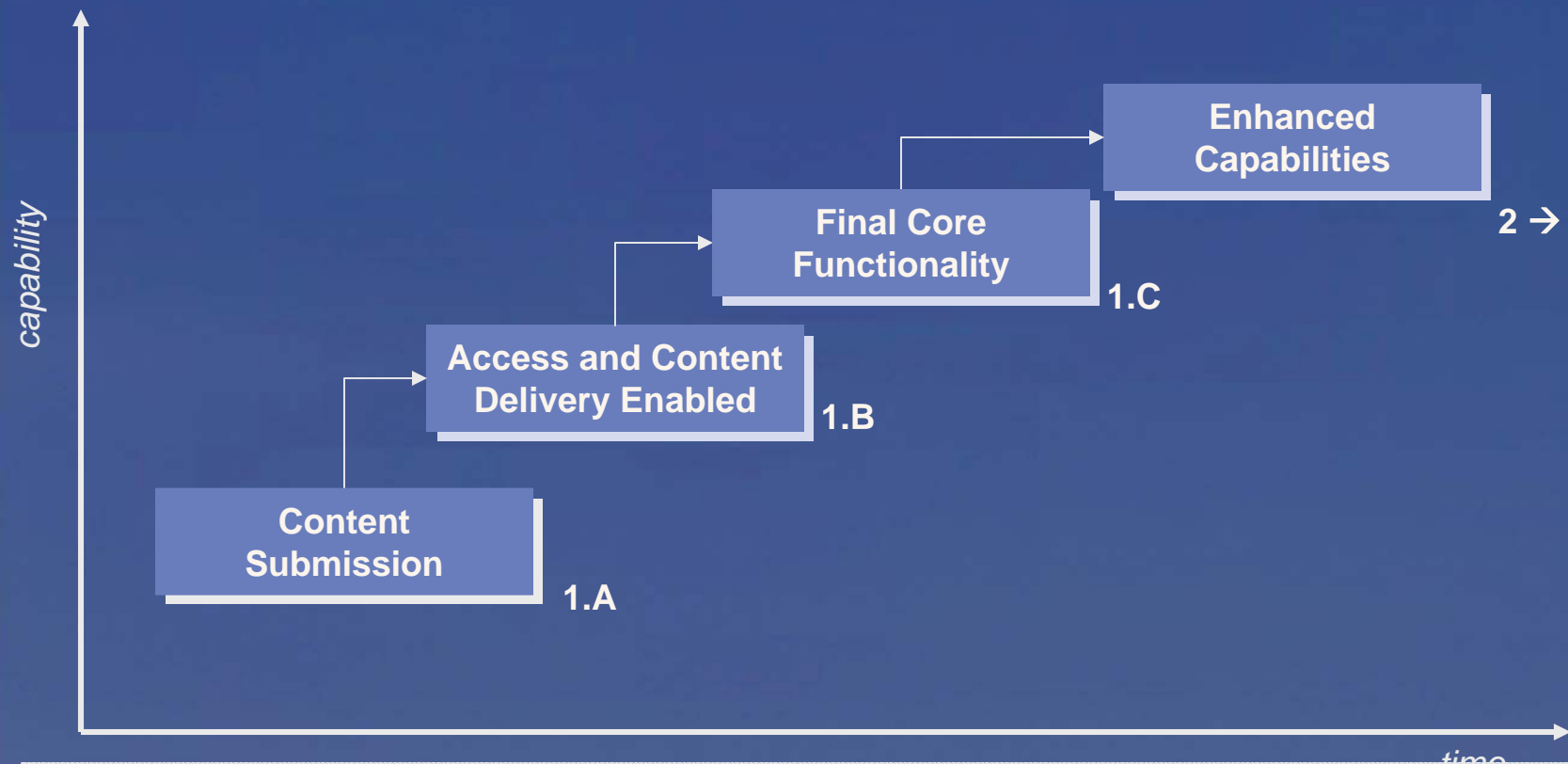
FDsys overview

- FDsys will automate the collection and dissemination of electronic information from all three branches of government.
- Electronic markings will indicate that the information is authentic and will identify versions of documents that have been revised.
- Information will be permanently available in electronic format.
- Information will be accessible for Web searching, viewing, downloading and printing.
- Document masters will also be available for conventional and on-demand printing.

Status

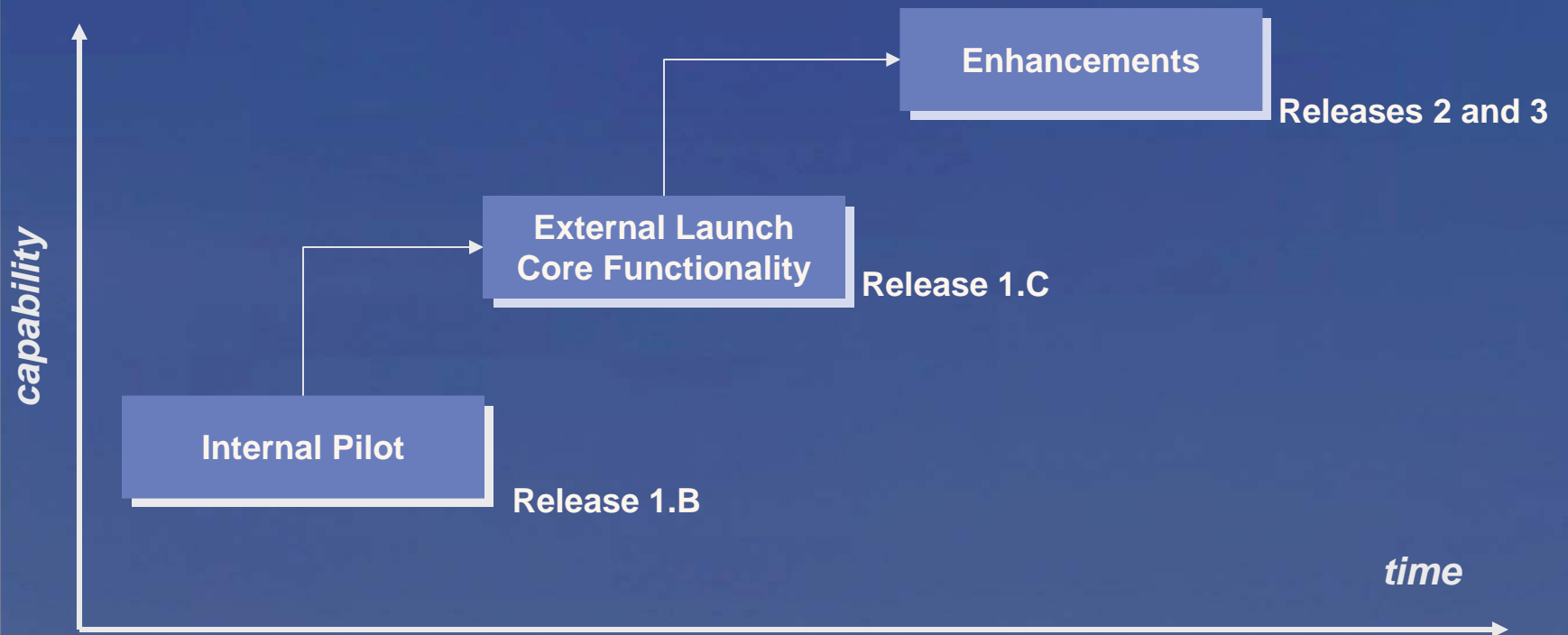
- A request for quote (RFP) was issued for the Master Integrator in early April (during the Spring conference).
- Harris Corporation was awarded the contract on August 2, 2006.
- Harris showed up for work on August 9, 2006 and haven't left yet.

FDsys Anticipated Releases



GPO anticipated 3 system releases to deliver core functionality.

Planned FDsys Development



FDsys is being deployed in multiple Releases over the next 2 years.

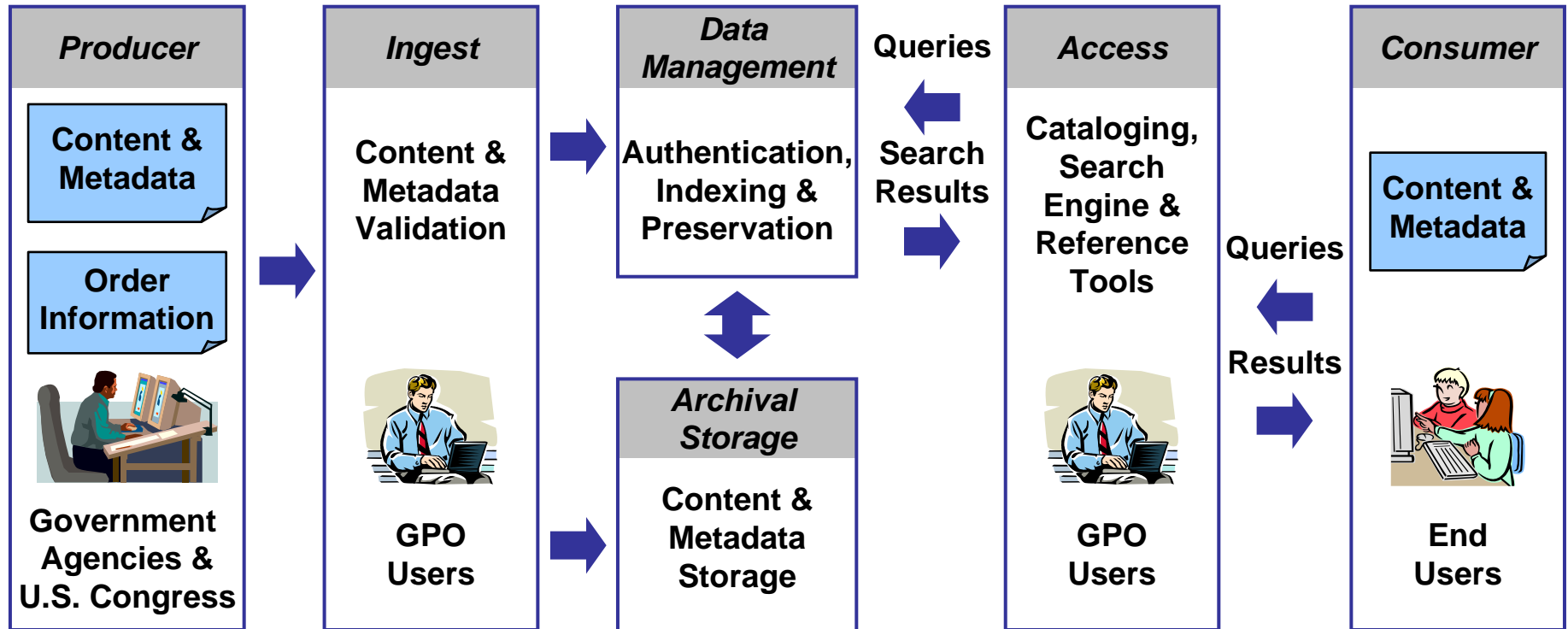
Harris -- Background

- Building large, high volume digital archives and information systems for decades
- Archived content includes; documents, metadata, images, census data, weather data, space data, video, and audio
- Runner up on the National Archives ERA program
- Investing in laboratories and research in digital archives, digital preservation, and search technologies
- Involved in the library and digital archive communities

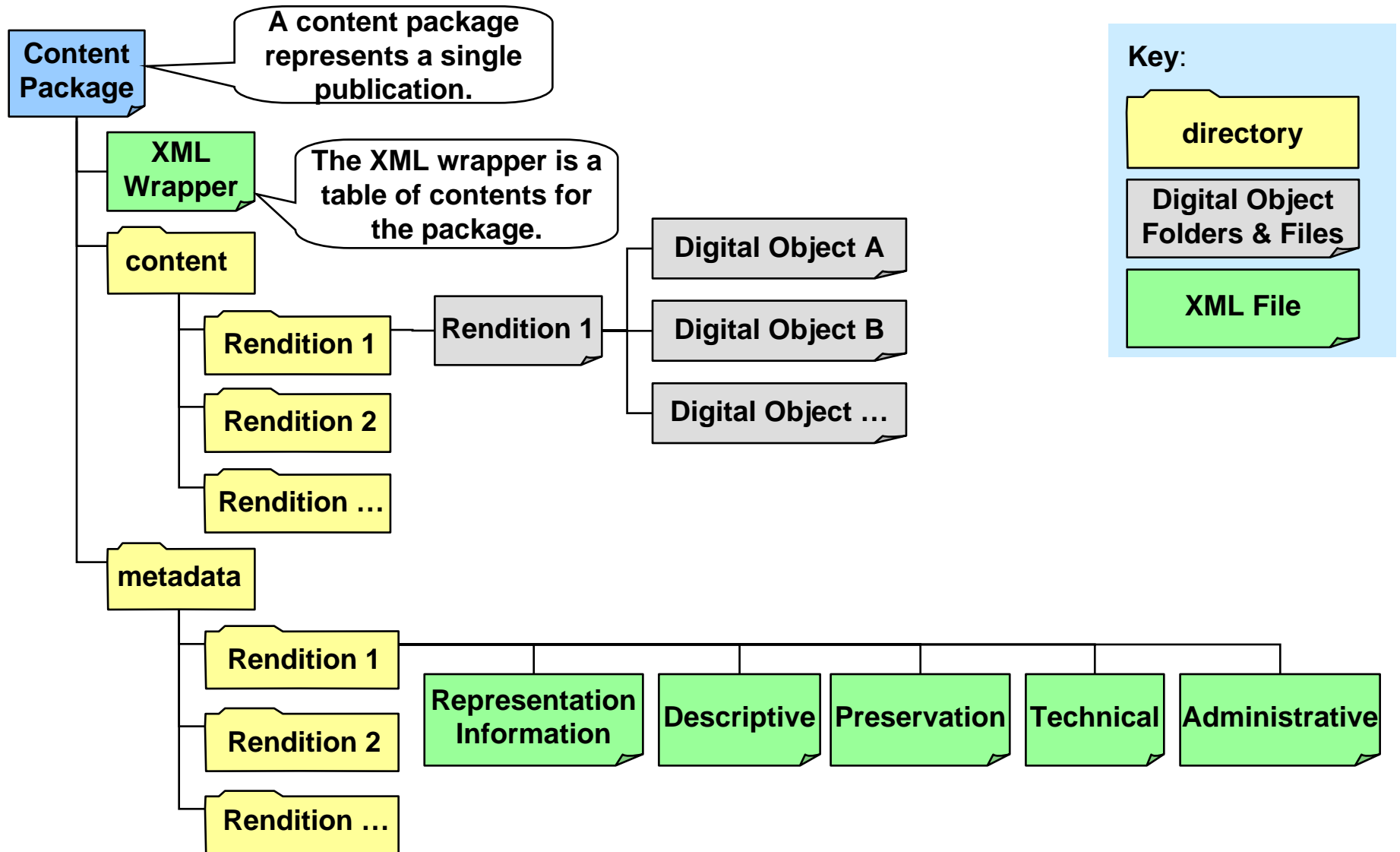
Master Integrator Role

- As the MI, we will design, develop, deploy and test FDsys
 - Collaboratively select products / technologies
 - Integrate COTs including developing workflows
 - Conduct system testing
 - Prepare training materials and user manual and conduct training
- To be most effective in our role, we are working closely with GPO and user community
 - Working hand in hand with the GPO at their headquarters
 - Including GPO Business Units in key decisions and system development
 - Engaging stakeholders

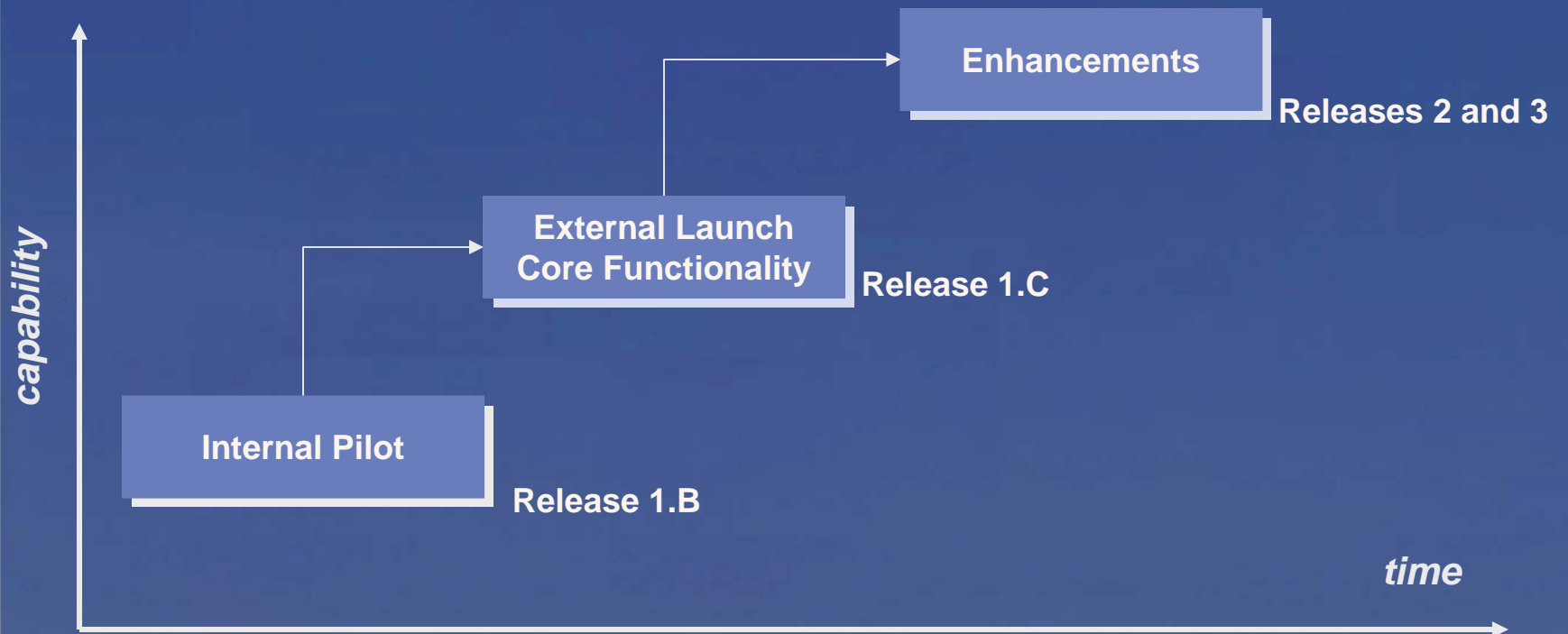
How FDsys Works



FDsys Manages Content & Metadata



Release Timing and Functionality



Release 1B Functionality

Internal pilot release – testing in April, 2007

- Ability for users to submit content and metadata
- Creation, collection and editing of content metadata using MODS
- Ability for users to access, search and request content using a Web based user interface
- Capability to combine content and metadata into information packages (SIP, AIP, ACP and DIP)

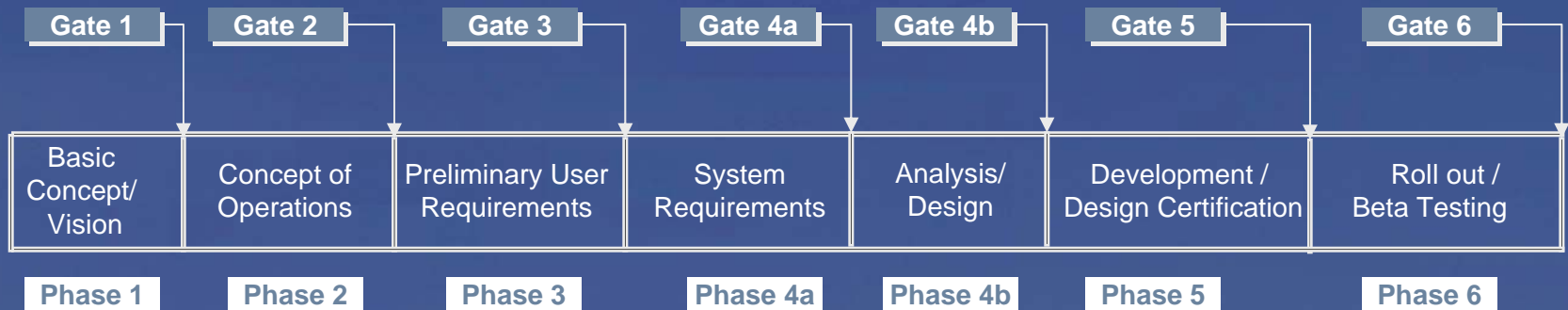
Release 1C Functionality

First external release – launch in second half of 2007

- Creation, collection, editing and sharing of content metadata supporting multiple standards (MARC and Dublin Core)
- Basic authenticity and integrity checks on submitted content submitted
- Verification that submitted content has not been altered and is not a duplicate
- Data exchange with ILS
- Ability to assign persistent name
- Basic preservation processing through refreshment

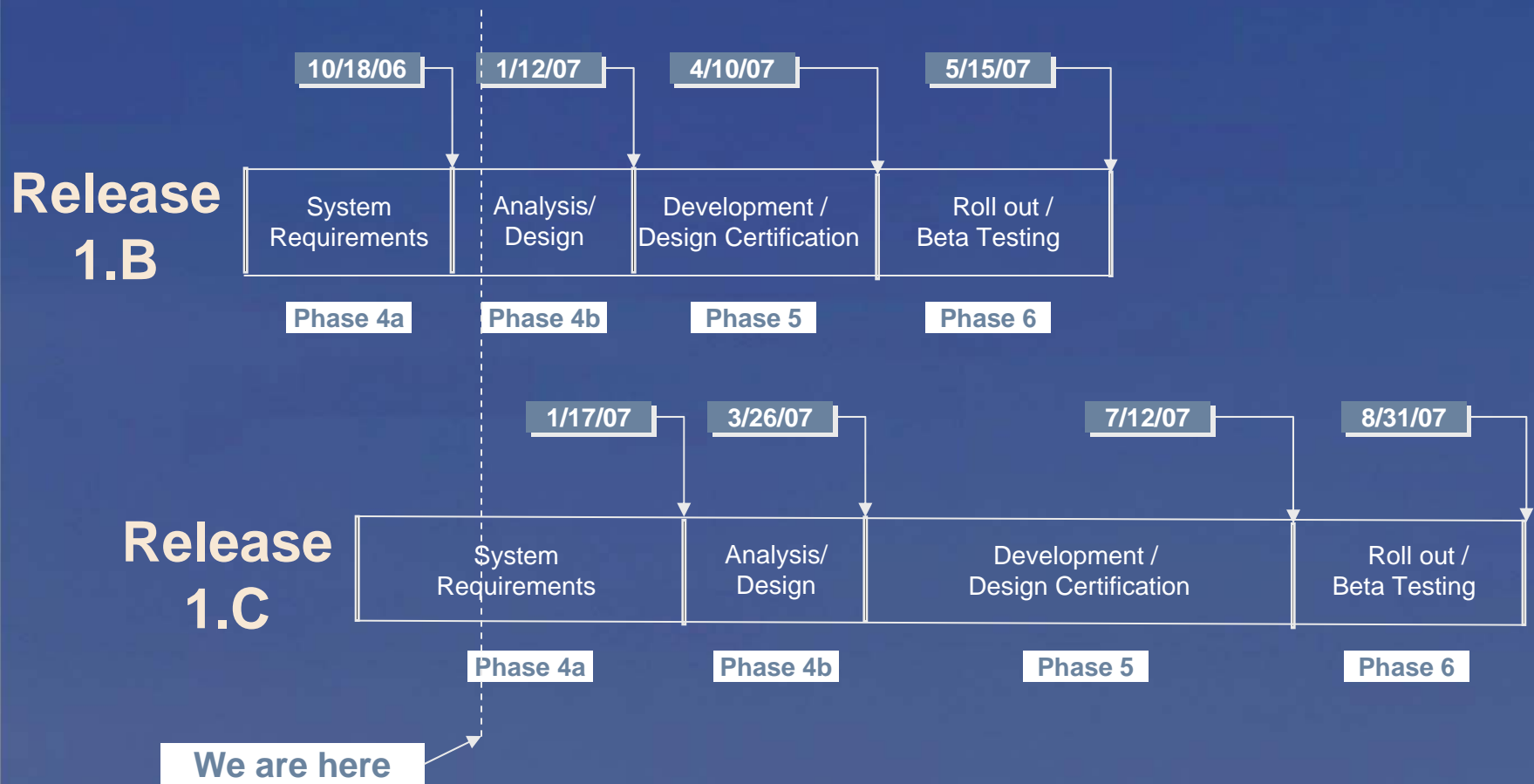
Program Management

GPO has implemented a phases and gates approach for managing the program.



Phases 4a through 6 are structured to support each Release.

Release 1 Timeline



Upcoming Activities

- Conduct Release 1B and Release 1C Trade Study Reviews resulting in the selection of key system technologies.
- Develop FDsys Workflows and Use Cases.
- Continue outreach activities with stakeholders.
- Develop Beta Testing Plan for participants in release 1B pilot. Beta testing is a stage of system testing involving external exposure or operation of the system.

Summary

- The system requirements have been updated (version 3.0 is now available on the GPO website).
- Design activities are underway for Release 1B of FDsys. The first design review will be held in early November.
- Beta testing is expected to start in April.

Additional Information

Program documentation is available on the GPO website:

www.gpo.gov/projects/fdsys.htm

The FDsys Team

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