Discussion of Release 1 & 2 Functionality

In an effort to provide transparency and visibility into program planning, the FDsys Program Management Office (PMO) has published a document called System *Releases and Capabilities.* Due to issues that are normal for a complex information system (i.e., budget constraints, technical issues, and shifting scope) GPO has been forced to shift some functionality out of the first release of FDsys.

This simple 2 page document compares by feature group the functionality that was intended for Releases 1C.2, 1C.3 and 1C.4 of FDsys with the functionality that will be in FDsys Release 1 by the end of 2010 and functionality delivered in Release 2 by the end of 2011. To understand FDsys releases it is important to note that a change to release nomenclature occurred when we first launched the system to simply the numbering. The FDsys team now identifies former Releases 1C.2 and 1C.4 as the current release called Release 1 (R1) and Release 1C.3 as the release called Release 2 (R2).

Metadata Management: All metadata management functionality will be operational in R1, with the exception of ILS integration. The integration between FDsys and ILS is used to copy bibliographic metadata to FDsys and will automate linking to FDsys content in the ILS. When the decision was made to limit R1 to content from GPO Access and some special collections, ILS integration was also pushed out, since the ILS already contains links that will redirect to FDsys for these collections and metadata for that content could be obtained through parsing and through manual transfer from the ILS. Additionally, there are technical issues with the Enterprise Service Bus (ESB) tool needed for integration. ILS will be integrated in R2 provided sufficient funding is available and priorities remain the same.

OAIS Compliance: All base requirements for complying with the OAIS framework are fulfilled by FDsys R1. In addition to internal tests, GPO is currently looking for a partner who can accept FDsys packages to validate that our packages are self describing and can be re-constituted within another repository.

GPO Access and Access: All base requirements for both exceeding and sun setting GPO Access functionality will be fulfilled by R1 with minor exceptions. The exceptions are delivery by email, RSS, and FTP; persistent name assignment and resolution; and linking functionality that allows users to follow relationships to other documents. This functionality was removed due to budget constraints but will be delivered in R2 provided sufficient funding is available and priorities remain the same.

Infrastructure: All base requirements for infrastructure will be fulfilled by R1 with the exception of the ESB. As indicated previously, there are technical issues with the ESB tool currently in the GPO inventory, and costs to replace the tool will be high.

Submission (Congressional and Content): Some base submission requirements will be fulfilled by FDsys R1; however, many of these requirements were deferred due to budget constraints and shifting priorities to support Open Government initiatives. The de-scoping of submission based on budget and external system dependencies resulted in the repositioning of items such as ILS Integration into future releases. Submission requirements will be delivered by R2 provided sufficient funding is available and priorities remain the same.

Persistent Names: These features were deferred due to budget constraints and shifting priorities to support Open Government initiatives. Persistent naming will be delivered by R2 provided sufficient funding is available priorities remain the same.

Additional Functionality: It is important to note that while some functionality was shifted to later releases, FDsys provides important functionality that was not previously intended for delivery. Working with OFR a new collection (Daily Compilation of Presidential Documents) was added to the system.

Additionally, FDsys now supports XML content for the Federal Register and Code of Federal Regulations as well as XHTML and PDF files for the US Code.

Below is a listing of the 19 features that were moved from R1 and into a later release of FDsys.

Budget Constraints and External System Dependencies

1. Automatic Scope Determination
2. Congressional content originator (CO) Submit Content and Metadata
3. **Manage business process information (BPI)**
4. 508 Compliant User Interfaces for Authorized Users
5. **Render Job BPI on GPO Forms**
6. **Track Job**
7. **Submit Jobs**
8. Enter BPI and Metadata
9. **Pre-Ingest Processing**
10. Scope Determination
11. ILS Integration
12. **Enterprise Service Bus** (note, this is not a requirement, instead it is a tool within the system)
13. Persistent Name Assignment
14. Persistent Name Resolution
15. **Rights Metadata**
16. Delivery By Email
17. Delivery By FTP
18. Delivery by RSS
19. Follow Relationships to Other Documents

NOTE: Items listed above will be delivered in R2 with the possible exception of the items in bold. These items may have dependencies or technical constraints that are outside the control of the FDsys team.