

Meeting the Mission: Preserving and Providing Access to Electronic Federal Government Publications

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Federal Digital System (FDsys)

- FDsys automates the collection and dissemination of electronic information from all three branches of the Federal Government
- Information is
 - Submitted directly into FDsys
 - Permanently available in electronic format
 - Authenticated and versioned
 - Publicly accessible for searching and downloading at www.fdsys.gov

What is FDsys?

- FDsys is a *Content Management System*
 - FDsys securely controls digital content throughout its lifecycle to ensure content integrity and authenticity
- FDsys is a *Preservation Repository*
 - FDsys follows archival system standards to ensure long-term preservation and access of digital content
- FDsys is an *Advanced Search Engine*
 - FDsys combines extensive metadata creation with modern search technology to ensure the highest quality search experience

Release 1 Goals and Status

- Establish the foundational infrastructure
 - Completed in 2009
- Establish a preservation repository
 - Completed in 2009
- Replace GPO's current public site
 - GPO Access sunset activities through December 2010
- Perform a large scale data migration
 - Completed in 2010
- Provide operational continuity for the system
 - Continuity of access site operational in September 2010
 - Full system failover planned for December 2010

Additional FDsys Projects

- Daily Compilation of Presidential Documents released in February 2009
- Office of the Federal Register Publications in XML
 - FR XML released in September 2009
 - CFR XML released in December 2009
- Virtual main editions of the United States Code in XHTML and PDF formats in April 2010
- Digitized Statutes at Large Pilot demonstrating converted content preservation and access in FDsys in April 2010
- Federal Register 2.0 at federalregister.gov an XML-based edition of the daily Federal Register in July 2010

FDsys and Open Government

- Based on concepts of interoperability and reuse
- Content available in all major search engines
- Sitemaps and permission statement to enable compatibility with LOCKSS
- Citizens finding new ways to interact with key public content through XML data (e.g. FedThread.org, GovPulse)
- Other Federal Government sites rely on FDsys to enrich their user experience (e.g. Regulations.gov, Science.gov)

On the Horizon

- Closing out Release 1
 - FDsys transition activities
- Moving forward with Release 2
 - Develop external content submission component
 - Extend access functionality and data usability
 - Emphasize bringing more content into FDsys
 - Implement over four planned major release
 - New features and system fixes
 - Minor releases between major releases if needed
 - New features added roadmap as needs are identified
 - Priorities may change based on identified needs and changes communicated back to stakeholders

Release 2 Feature Priorities

- External Content Submission
- Collection Development
 - Public Papers of the President in XML
 - AOUSC Pilot Project
- Harvested Content Support
 - Harvested Content Strategic Roadmap
 - Coastal Zone Information Center Collection
- Extension of Preservation Processes
 - Format Validation (JHOVE)
 - TRAC Audit
- ILS Metadata Exchange
- Technology Improvements to FDsys
 - Replacement of End of Life Technologies
 - Implementation of Enterprise Service Bus