

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

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U.S. Government Printing Office

Government Printing Office (GPO)

- Federal legislative agency that opened for business on March 4, 1861
- By law and tradition, GPO has three missions
 - To provide printing and publishing services to Federal agencies and Congress
 - To operate a program to sell publications to the public on a cost recovery basis
 - To provide permanent public access to official published versions of Federal Government publications in print and electronic formats through the Federal Depository Library Program (FDLP)

GPO's Strategic Vision

- Deliver Federal information products and services from a flexible digital platform
 - Responsible digital repository that provides preservation processes to enable permanent public access to Federal Government publications that are within scope of the FDLP
 - Access to past, present, and future Federal Government publications in digital formats that can be searched, downloaded, and printed over the internet at no charge

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 releases
 - 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

- Congressional 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
- Introduction of Preservation Processes
 - Format Validation (JHOVE)
 - TRAC Audit
- ILS Integration
- Technology Improvements to FDsys
 - Replacement of End of Life Technologies
 - Implementation of Enterprise Service Bus

FDsys

- www.fdsys.gov

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