

FEDERAL DEPOSITORY LIBRARY COUNCIL MEETING SAN ANTONIO, TEXAS APRIL 4 – 6, 2011

In 1993, Congress passed the U.S. Government Printing Office Electronic Information Access Enhancement Act (Public Law 103-40), which expanded GPO's mission to provide electronic access to Federal electronic information. In June 1994, GPO launched *GPO Access*, which provides online access to information from all three branches of the Federal Government. For more than 15 years, *GPO Access* was America's source for Government information online. In 2009, GPO unveiled the next generation of Government information online with GPO's Federal Digital System (FDsys). In December 2010, FDsys assumed the role as GPO's electronic system of record for Federal Government information. Later this spring, *GPO Access* will become an archive only, with no new content added, and later this year, *GPO Access* will be retired.

FDsys is not merely a replacement for GPO Access. FDsys is...

- A Content Management System ensuring content integrity and authenticity
- A Preservation Repository guaranteeing long-term preservation and access to digital Government content
- An Advanced Search Engine combining extensive metadata creation with modern search technology

FDsys: America's Authentic Government Information

INNOVATIONS

With FDsys, GPO has established one of the Federal Government's only systems for the management, access, and preservation of digital content.

- FDsys securely manages electronic Federal content to safeguard digital content integrity and authenticity.
- FDsys combines extensive metadata with modern search technology allowing the public to find the Government documents they need.
- FDsys follows archival system standards to ensure long-term preservation and access to digital content.
- FDsys provides access to millions of digitally-signed PDF documents proving to users that digital content has not been altered since it was made available by GPO.
- FDsys ensures continued congressional and public access in the event of a disaster through a fully functional Continuity of Operations (COOP) site.

• FDsys is an energy efficient, sustainable technology solution that reduces energy consumption by 40%.

COLLABORATIONS

FDsys is based on the concepts of interoperability and reuse, which puts GPO at the forefront of electronic information sharing between Federal Government agencies. GPO's technology supports the ability for other agencies to meet their missions and has fostered an open environment for information and technology exchange to increase efficiencies in Government. GPO maintains ongoing relationships with other Federal digital libraries and archives, including the Library of Congress, the National Library of Medicine, and the National Archives, allowing for the alignment of efforts between organizations with similar goals. GPO's Federal Government partners look to GPO to implement their mission critical initiatives and collaborate on shared technology solutions that enhance access to Federal Government information.

Office of the Federal Register:

- In support of the Office of the Federal Register (OFR), GPO converted the *Federal Register* and *Code of Federal Regulations* into XML format, provides access to the Public Papers of the Presidents of the United States in XML via FDsys, managed the development of the FR 2.0 website that uses this XML, and facilitated additional access to the XML through the Data.gov and FDsys web sites.
- In support of OFR, GPO developed and released on FDsys the new online-only publication, Daily Compilation of Presidential Documents.
- OFR has requested that GPO lead the development of the next generation of their mission critical eCFR and eDocs systems using the FDsys infrastructure.

Regulatory Information Service Center, Environmental Protection Agency, and Office of the Federal Register:

• GPO is collaborating with the Regulatory Information Service Center, the Environmental Protection Agency, and OFR to provide enhanced access to the Regulatory Plan and the Unified Agenda of Regulatory and Deregulatory Actions.

Library of Congress:

- GPO and the Library of Congress (LOC) are partnering on two major digitization projects, demonstrating converted content preservation and access in FDsys.
- Under the direction of the House Committee on Rules, GPO is working with LOC and the Clerk of the House to provide access to Constitutional Authority Statements through FDsys.

Library of Congress, Congressional Research Service:

• Under the direction of the Senate Committee on Rules and Administration, GPO and LOC's Congressional Research Service are collaborating on a project to enhance public access, through FDsys, to an authoritative version of the *Constitution of the United States of America: Analysis, and Interpretation.*

Office of the Law Revision Counsel & the U.S. House of Representatives:

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National Oceanic and Atmospheric Administration:

• GPO is collaborating with the National Oceanic and Atmospheric Administration to provide access to the Coastal Zone Information Center Collection through FDsys.

Administrative Office of the United States Courts:

• GPO and the Administrative Office of the United States Courts are partnering on a pilot project to provide access to historic and current Federal district, appellate, and bankruptcy court opinions through FDsys.

RELIABILITY

Not only is GPO bringing content from other Federal agencies into FDsys, but numerous other Federal Government sites now rely on FDsys to enrich their user experience including:

- THOMAS and the Legislative Information System (LIS)
 - Congressional sites such as THOMAS and LIS rely on electronic content generated by GPO and link directly to PDF and HTML content managed by FDsys.
- House Legislative Resource Center (Info-Link)
 - The House Legislative Resource Center receives a daily report of new Congressional publications generated through FDsys metadata to support their new publication inventory tracking system.
- Regulations.gov
 - The official site for public commenting on regulations uses FDsys metadata to power their public search and includes *Federal Register* content from FDsys in rulemaking dockets.
- Science.gov
 - The gateway to Government science information has integrated FDsys collections into their federated search function.
- Federalregister.gov
 - FDsys-created XML powers the Web 2.0 version of the *Federal Register*, developed by GPO on behalf of OFR.

THE FUTURE

As GPO looks to the future of FDsys, heavy focus will be placed on increasing the amount of content managed and preserved within FDsys, including at-risk, born digital content and increasing the ways the content within FDsys can be used and reused.

GPO is actively working with Congress and Federal agencies, and will continue to do so, to bring more and more content into FDsys, through partnerships and through various technological methods that are currently in the design phase.

GPO is working to develop the public Application Programming Interfaces (APIs) to facilitate robust system integration with FDsys from non-GPO systems. This activity is planned for FY 2011 and FY 2012 and is currently in the requirements phase.

Additionally, GPO is working on linking publications. This feature will enable search and retrieval of related publications from different collections. The activity is currently in the requirements phase.

These activities all aim at the goal of ensuring that Federal Government content is centrally located, accessible to the public, and enhanced so that it is as easy to use as possible. These activities will also allow GPO partners and others to utilize GPO's data and present it to their users in multiple and unique ways.

***Attend the session on FDsys Development Activities on Tuesday, April 5th at 2:00pm. ***Visit the FDsys demonstration table where you can explore FDsys and ask questions of GPO staff.

















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8

Public Access Site

- Worked closely with the library community, agency customers, and congressional customers to design the public site which went live in January 2009
- FDsys became the system of record in December 2010
 - 5.6 million searchable granules
 - 50,000 unique visitors per week
- Sun setting of GPO Access is near completion
 - GPO Access will become "archive-only" later this spring
 - Complete shut down planned later this year
 - Deployed code to handle GPO Access redirects and will turn on when GPO Access is shut down











































