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Full Text Government Periodicals Project

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Full Text Government Periodicals Project

Why Create It At All?

- Need quick access to periodical issues when cataloging and binding serial titles
- No ONE place to find all of the government periodicals
- Create a product similar to the CIS Government Periodicals Index
- Provide access to full text online journals rather than just bibliographic information

Mission of the Project

- Provide serial issue access to depositories for binding and claiming purposes
- Provide full text search capability

Located the Periodicals

- University of Auburn
- University of Louisville
- Military Periodical Site

All Links Were Loaded into an Access Database

- Access assists us with the maintenance of the collection
- Only need to make changes to each record once
- Assists us in updating the periodicals on a weekly and monthly basis by keeping track of their frequency
- Use of a Web-agent

Static Database Query Arranged Alphabetically by Title

htmlpage					
ABM Online	Search	D 201.44:			HTML
Access Current	Search	Y 3 B 27:16	9-10/98 to present	Every 2 months	HTML
Administrative Notes	Search	GP 3.16/3-2:	Aug 96-Present	Irregular	HTML
Aerospace Technology Innovation	Search	NAS 1.95: (N.No.&NOS.	1993-Present	every 2 months	HTML & PDF
AFDC News Update	Search	E 1.114:(V.NO. NOS.))	1997-Present	Quarterly	HTML & PDF
AFIP Letter	Search	D 101.117:(V.NO. NOS.))	Dec 98- Present	every 2 months	PDF
AgExporter	Search	D 101.117:(V.NO. NOS.))	1997-Present	Monthly	HTML
AgLetter	Search	FR 1.2:AG 1w/	1996-Present	Quarterly	PDF
Agricultural Chemical Usage	Search	A 92.50:(DATE)	1990-Present		HTML
Agricultural Income and Finance (Situation and Outlook Report)	Search	A 93.9/8:(NOS.)	1995-Present	Annual	PDF & TXT
Agricultural Information Bulletin	Search	A 1.75:			PDF
Agricultural Libraries Information Notes	Search	A 17.23: (V/NO.&NOS.)	1995-1997	Quarterly	HTML

Static Database Query Arranged by SuDocs Number

govpersudoc					
A 1.47:	Agricultural Statistics	Search	Annual	PDF	1994-Present
A 1.57:(V.No.&Nos.)	USDA News	Search	Past	HTML	Jan 96-Present
A 1.75:	Agricultural Information Bulletin	Search		PDF	
A 105.23/8:(DATE)	Sheep and Goats	Search	Annual	PDF	1995-Present
A 105/30:(DATE)	Floriculture Crops	Search	Annual	PDF	1999
A 109.11:	Rural Cooperatives	Search	Past	HTML	Jul-Aug 98
A 110.19:	Food Safety Educator	Search	Quarterly	HTML	1996-Present
A 112.20:	Crop Insurance - Manager's Bulletins	Search	Monthly	HTML	1995-1999
A 13.141:(DATE)	Cypsy Moth News	Search	Irregular	HTML & PDF	1994-Present
A 13.32: (V.No.&NOS.	Fire Management Today	Search	Quarterly	PDF	V. 57-1 to Present
A 17.23: (V.NO.&NOS.)	Agricultural Libraries Information Notes	Search	Quarterly	HTML	1995-1997
A 17.30:	Food & Nutrition Research Briefs	Search	Quarterly	HTML	1995-Present
A 21.34:(NOS.)	Broadcasters Letter	Search		HTML	Current Month
A 57.46/13:(DATE)	Alaska Basin Outlook Report	Search	Monthly	HTML & TXT	1995
A 57.46/7:(DATE)	Washington Basin Outlook Report	Search	1st half of yr monthly	HTML & TXT	1990-Present

What About the Search Engine?

- Received an internal grant from Washburn University of \$40,000
- Participated in a partnership with the Topeka Area Bankruptcy Council
- Provide access to their decisions
- Purchased ISYSWeb
- A full text search engine warehouse

- Purchased ISYS Spider

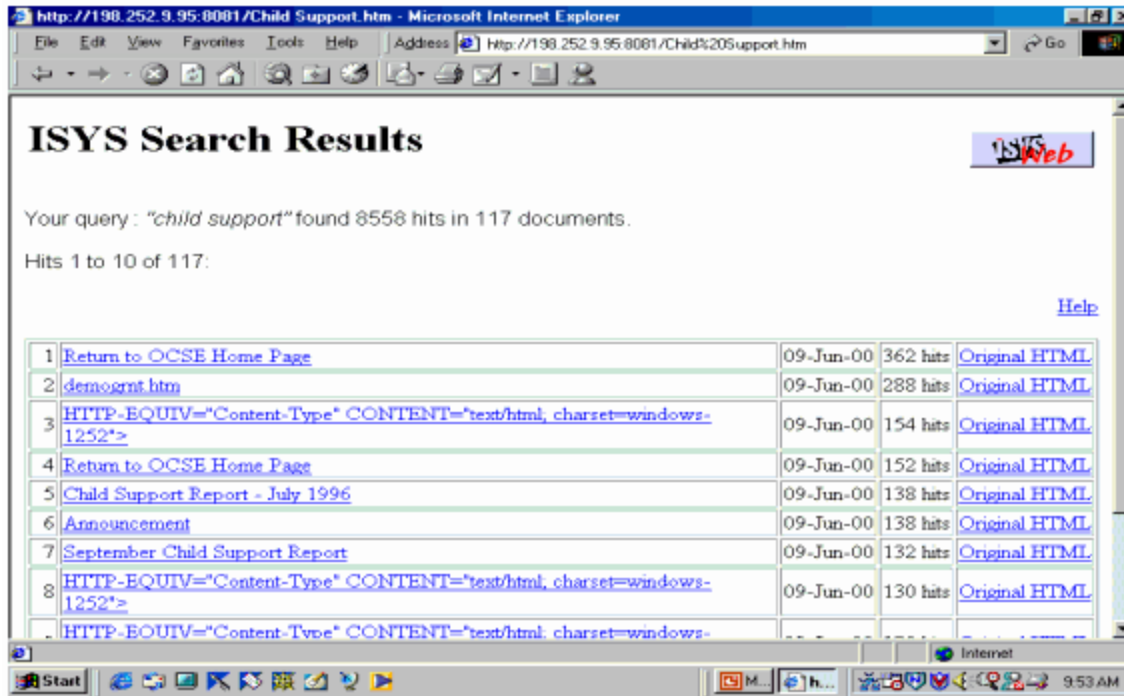
ISYSWeb's Capabilities

- Index up to 30 different types of file formats
- Link up to 35 indexes
- Web Spider component

Web Spider Results

- Not satisfied with the ISYS Spider brief results
- Brief results were not consistent
- Some results displayed HTML tags and others text





Deciding to Mirror

- Downloading all of the periodical issues gave us more control over them
- Provides permanent public access to them
- Mirrored with Black Widow software
- Required at least 18+ gigs of hard disk space
- Very time consuming
- Ask Dee my documents assistant
- Restructured our Department

Mirroring Problems

- Some sites do not allow mirroring
- Use anti-robot files
- Several Military sites used these
- Some formats cannot be indexed automatically
- Zip files
- Not accessible some days
- Difficult to download images in HTML documents

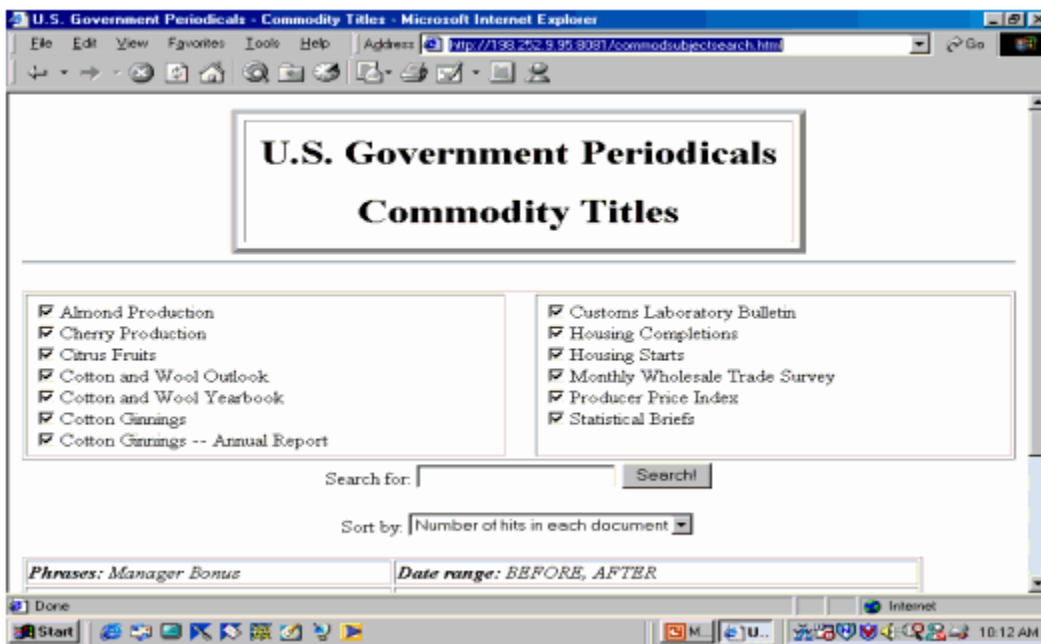
Individual Title Search



Searching the Periodicals

- Each periodical title can be searched
- The subject search was created by grouping the periodicals by broad topics and allowing the user to search more than one title at a time.

Multiple Periodical Subject Search



What About Backups?

- Backed up all of the data onto 6 CD-ROMS
- Search engine indexes are being backed up daily on tape

Future Plans

- Create a search engine that will search all of the periodicals at once
- Provide an FTP site where people can download the periodical issue they need
- Have a partner site at the University of Louisville, who will mirror our site
- Goal of adding five new titles a week
- Convert HTML to PDF

Lessons Learned

- Be INNOVATIVE & CREATIVE
- Identify an electronic niche
- Be Realistic
- Plan ahead
- Start small & beta test your product
- In house project
- Be patient
- Be willing to reorganize your department or get outside funding through grants

<http://198.252.9.108/home/govper.html>