

# The ‘Texas Register’ Web-Site Creations and Related Processes: Revised Report - 2007



**Information Technology Services,  
Digital Projects Unit**



**July 2007**

## Table of Contents

I. Background Information about the <i>Texas Register</i> .....	4
II. About the <i>Texas Register</i> Partnership.....	5
III. The Project.....	5
IV. The Texas Register File Content.....	7
4.1 The Texas Register Text File.....	9
4.2 The Texas Register PDF File.....	10
4.2.1 Enhancing the visibility of the PDF files.....	11
4.2.2 Adding Metadata to PDF files.....	13
4.2.3 Saving PDF files.....	15
4.3 The <i>Texas Register</i> HTML File.....	16
4.4 Index to <i>Texas Register</i> .....	21
4.5 The <i>Texas Register</i> File Structure Summary.....	21
V. The <i>Texas Register</i> Website.....	22
VI. Conclusion .....	27
VII. Appendices.....	28
Appendix-I: Texinfo Sub-Web Server Structure.....	29
Appendix-II: Texas Register General Web Structure.....	30
Appendix-III: Problem Files, which are available at least in one format/s.....	30
Appendix-IV: Replaced Files.....	33
Appendix-V: Locally Corrected Files.....	34
Appendix-VI: General information about the Software Versions & Specifications....	35
Appendix-VII: Contents of Texas Register Files Burned to CDs.....	36
Appendix-VIII: Press Releases: Press Release-I .....	38
Press Release-II.....	39

## List of Tables

Table-1: The <i>Texas Register</i> Files' Structure Summary.....	6
Table-2: The <i>Texas Register</i> Text Files .....	9
Table-3: The <i>Texas Register</i> PDF File .....	11
Table-4: The <i>Texas Register</i> HTML File.....	17
Table-5: The Original and Cleaned HTML Files' Content.....	18
Table-6: The Total File Number/size of The <i>Texas Register</i> by File Type (1991-2004).....	21
Table-7: The Total File Number/size of The <i>Texas Register</i> by Year (1991-2004).....	22
Table-8: Problem Files.....	32
Table-9: Replaced Files as "Correction" .....	33
Table-10: Locally Corrected Files.....	34
Table-11: General information about Software Versions & Specifications.....	35
Table- 12: Contents of Texas Register Original Files Burned to CDs-(CD1-CD6).....	36
Table- 13: Contents of Texas Register Enhanced Files Burned to CDs-(CD7-CD14).....	37

## List of Figures

Figure-1: Original PDF File.....	11
Figure-2: Enhanced PDF File.....	11
Figure-3: Setting the Initial View of PDF Files.....	13
Figure-4: Adding Metadata to PDF File.....	14
Figure-5: Setting the Compatibility to Various Versions of Adobe Acrobat.....	16
Figure-6: Sorting HTML (by Date) and Preparing File for Saving.....	19
Figure-7: Extracting TAR Files.....	20
Figure-8: Sample File Structure of the HTML file.....	20
Figure-9: File Structure of the <i>Texas Register</i> Website.....	23
Figure-10: Contents' Structure of the <i>Texas Register</i> Website.....	24
Figure-11: The <i>Texas Register</i> Website-2004.....	25
Figure-12: The <i>Texas Register</i> Website-2005.....	26
Figure-13: File Structure of the <i>Texinfo</i> Main Web Server.....	29
Figure-14: The Most Current Texas Register General Website Structure .....	30

## **I. Background Information about the Texas Register**

The *Texas Register*, (ISSN 0362-4781), is published weekly, 52 times a year by the Office of the Secretary of State, 1019 Brazos, Austin, Texas 78701. Published under the Texas Government Code, Title 10, Chapter 2002, all material in the *Texas Register* is the property of the State of Texas.

The *Texas Register* is issued to enforce Texas law by publishing proposed and final regulations written by Texas Government agencies. In view of the importance of this publication to the people of Texas, the University of North Texas Libraries in a partnership agreement with the Texas Secretary of States Office provides free electronic access to all issues of the *Texas Register* from September 1991 to current. The most current issue of the *Texas Register* is also posted on the Texas Register Web site at: <http://www.sos.state.tx.us/texreg/issues.shtml> , where the Office of the Texas Secretary of State maintains access to the most current (6 months) issues of the *Texas Register*.

The University of North Texas Library, Government Documents Department receives both the print and electronic formats of the *Texas Register* documents. Paper issues of the *Texas Register* (i.e. from volume.1, number 1 (1976) to current) can be found on the third floor of the UNT-Willis library. The electronic issues of the *Texas Register* are available in at least one of the three file types, beginning with Volume 16, no. 44 (June 14, 1991), up to within a week of the most currently released issue at: <http://texinfo.library.unt.edu/texasregister> . This Web site comprises Text, PDF, and HTML formats:

1. **Text** files of the *Texas Register* are available from June 14, 1991 to Sept. 25, 1998,
2. **PDF** files are available for all issues from April 02, 1996 to present, and
3. **HTML** files are available for all issues from September 10, 1996 to present.

## **II. About The Texas Register Partnership**

The University of North Texas Libraries and the Office of the Texas Secretary of State - Texas Register, in a partnership arrangement, established a partnership to insure permanent storage and public access to the non-current electronic files of the Texas state government publication, the *Texas Register*.

Discussions concerning access to the back electronic issues of the *Texas Register* were initiated between UNT and the Texas Register Office in the summer of 1999, and in the spring of 2000, a memorandum of understanding was signed outlining the responsibilities of each partner. The transfer of more than twenty-four thousand compressed files in three different formats, (Text, PDF, and HTML formats), began in the summer of 2000.

## **III. The Project**

The University of North Texas Libraries organized and verified all files appropriately. The following table, (Table-1) summarizes the overall electronic file structure of the *Texas Register* Web site. Here, it should be noted that the uncompressing, updating, formatting, and reformatting of files is a continuous process, since we continue to receive the most current issue every week in 'PDF' and 'html'-(compressed 'tar') formats.

YEAR	TXT		PDF		HTML		REMARKS
	No. Files	Size in MB	No. Files	Size in MB	~No. of Files	Size in MB	
<b>2006</b>	-	-	<b>52</b>	<b>210</b>	<b>3,596</b>	<b>143</b>	
2005	-	-	52	335	3,020	135	
<b>2004</b>	-	-	53	335	2,891	126	
2003	-	-	52	300	2546	99	
2002	-	-	52	275	3,096	76	
2001	-	-	52	196	2252	65	
2000	-	-	52	259	1453	75	
1999	-	-	54	317	1280	68	
1998	336	044	52	208	1302	63	
1997	582	052	75	085	1306	57	
1996	835	065	63	051	346	15	
1995	709	052	-	-	-	-	
1994	687	052	01*	011	-	-	*Locally digitized PDF file
1993	678	045	-	-	-	-	
1992	702	040	-	-	-	-	
1991	246	021	-	-	-	-	
<b>TOTAL</b>	<b>4775</b>	<b>371</b>	<b>610</b>	<b>2672</b>	<b>23,088</b>	<b>922</b>	

**Table-1: The *Texas Register* Files' Structure Summary**

## IV. The Texas Register File Content

File naming protocols for the site use the date of the issue and the section of the Register. The date of the issue is the first four digits in each file name. For example, '0405con', stands for the 'table of contents' file for the April 05 issue. Examples of file names for *Texas Register* sections with their abbreviated form follow:

- **Table of Contents:** Example: 0405con.
- **Texas Administrative Code (TAC) Titles Affected:** Example: 0405tac.
- **Governor's Section:** Example: 0405gov.
- **Attorney General Section:** Example: 0405ag.
- **Ethics Commission Section:** Example: 0405ethc.
- **Secretary of State Section:** Example: 0405sos.
- **Department of Insurance:** Example: 0405ifi.
- **Review of Agency rules:** Example: 0405rev.
- **Emergency Section:** Example: 0405emer.
- **Proposed Section:** Example: 0405prop.
- **Withdrawn Section:** Example: 0405with.
- **Adopted Section:** Example: 0405adop.
- **Open Meetings Section:** Example: 0405om.
- **In Addition Section:** Example: 0405ia.



This is followed by a three digits extension that indicates the type of file so that appropriate software packages will open the files for viewing. The following is a sample issue, with abbreviations and acronyms for volume, issue number, and page number, which are common to all files.

**04/05/1996**

**V.21, No. 25**

**PP. [2855]-3088**

In the above example:

- **04/05/1996**: indicates the date of the specific issue of the *Register*. The order is month, date and year (mm/dd/yyyy).
- **V.21, No. 25**: - **V.** stands for Volume, for example, '**V.21**' means 'Volume-21.' And **No.**, stands for issue number, for instance, '**No.25**' means 'Issue number 25.'
- **PP. [2855]-3088**: - **PP.** stands for Page Numbers 'from page # to page #', and the closed bracket ([ ]), indicates the information was taken from some other sources. In this specific example, '**PP. [2855]-3088**' means from page 2855 to 3088 are included in this issue, but the initial page (p. 2855) is not shown in the original document and the describer supplied it from another source.

## 4.1 The Texas Register Text File

We received *text* files, which contained an individual file for each section of the *Texas Register*. As can be seen from the Table-2, we received a total of 4775 text files covering issues from June 14, 1991 to September 25, 1998. Files were compressed, or zipped, in order to reduce transfer times.

<b>Year</b>	<b>No. of Files in the Year folder</b>	<b>Total File size in MB</b>	<b>Remark</b>
1998	336	44	0925 (September 25, ends)
1997	582	52	
1996	835	65	
1995	709	52	
1994	687	52	
1993	678	45	
1992	702	40	
1991	246	21	0614 (June 14, starts)
<b>Total</b>	<b>4775</b>	<b>371 MB</b>	

**Table-2: The *Texas Register* Text File**

To uncompress the text file, we used a utility like PKZip (DOS) or WinZip (Windows). Download utility from an Internet site such as [www.pkware.com](http://www.pkware.com) and <http://www.winzip.com/>. After downloading the utility into your desktop, follow the following steps:

- First copy the file to be uncompressed into the appropriate folder, based on the year of publication.
- Then uncompress it (just open the file by double clicking the file).
- The extension name will be changed from “\*.exe” to the first 3 initial letters of the file. Example: the compressed form for the ‘Table of Contents’ i.e. ‘0913con.exe’ will be changed to “0913.con”.
- The final step is to open the unzipped file in Microsoft word and save it as a text file. Here, all files should be renamed consistently (just delete the dot between the number and the text) and save it as a ‘.txt’ file. For example ‘0913.con’ should be saved as “0913con.txt”. Please also make sure that the option “*Text only with line Breaks (\*.txt)*” is selected so that it will be formatted for better viewing and printing from a Web browser.

#### 4.2 The *Texas Register* PDF File

The PDF files of the *Texas Register* offer a total solution for cross-platform document delivery and of course a great way to streamline workflow between ‘users’ and printers. As indicated in Table-3 below, the site contains the PDF version of the *Texas Register* from April 02, 1996 to present. We have also digitized the missing issues such as the 1994 (Volume 19, issue number 23) and some missing pages including cover pages and made them available in PDF format.

Year	No. of Files in the Year folder	Total File size in MB	Remark
2006	52	210	
2005	52	263	
2004	53	335	
2003	52	300	
2002	52	275	
2001	52	196	
2000	52	259	
1999	54	317	
1998	52	208	
1997	75	085	
1996	63	051	Beginning with April 02, 1996
1995	-	-	
1994	01	011	Locally digitized (Scanned)
<b>Total</b>	<b>610</b>	<b>2672</b>	

Table-3: The *Texas Register* PDF File

#### 4.2.1 Enhancing the Visibility of the PDF files

Normally the PDF files come to us as a complete, bound document file. As can be seen from Figure-1 and Figure-2 below, we will make a number of enhancements to enhance the organization and facilitate access and retrieval of the contents of the files.

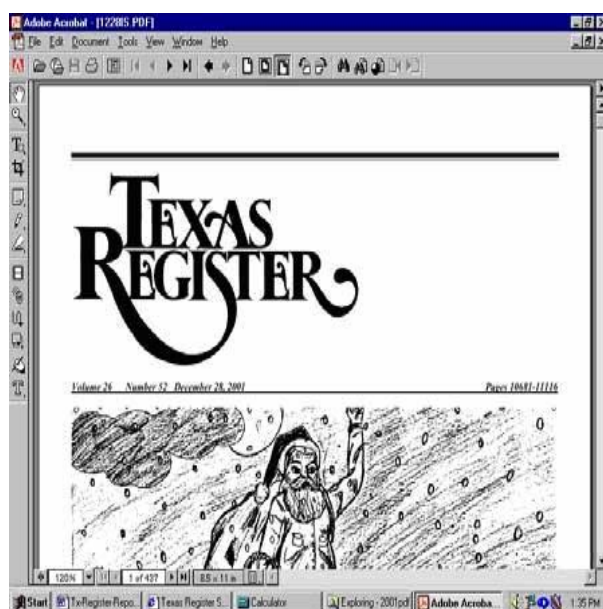


Figure-1 Original PDF File

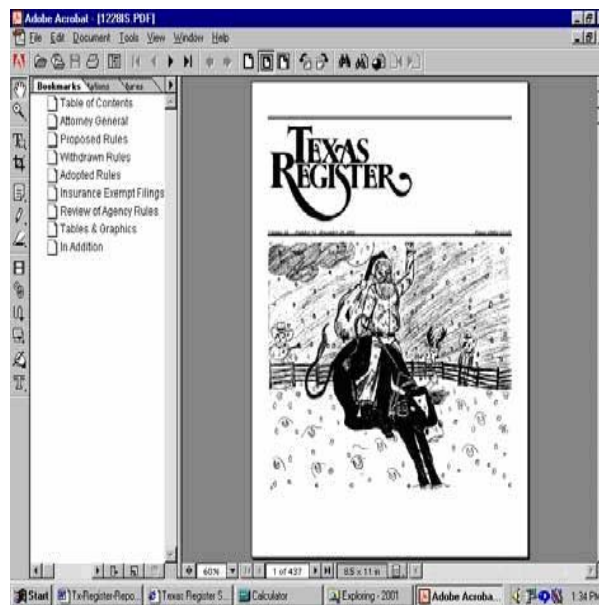


Figure-2. Enhanced PDF File

Please note that the different versions of Adobe Acrobat have slightly different functionalities. Currently (in 2007) we are using Adobe Acrobat 6.0 Professional. To reorganize and enhance the visibility of the files, we follow the steps outlined below:

- First copy the files from the original (FTP or file we received via email) location and save them to a different (brand-new) directory. This duplication will help to maintain the original files as they are, just for preservation purpose.
- Launch *Adobe Acrobat* and open the file that you will work on in Adobe Acrobat. Please note that the version of *Adobe Acrobat* has been changing. Currently (in 2007) we are using *Adobe Acrobat 6.0*
- Then the next step is to determine how the document will appear to the user when it is viewed. Here, continue the file organization process for better aesthetic effect and of course ease of navigation as appropriate. As we mentioned earlier different version of Adobe has different way of organizing files. To specify how the page will display to the user by using *Adobe Acrobat 6.0* :

- Go to the *File* menu and select *Document Properties*

- Choose *Initial view* under *Document Properties*

- Go to *Document Options* at the top left side and select *Bookmarks Panel and*

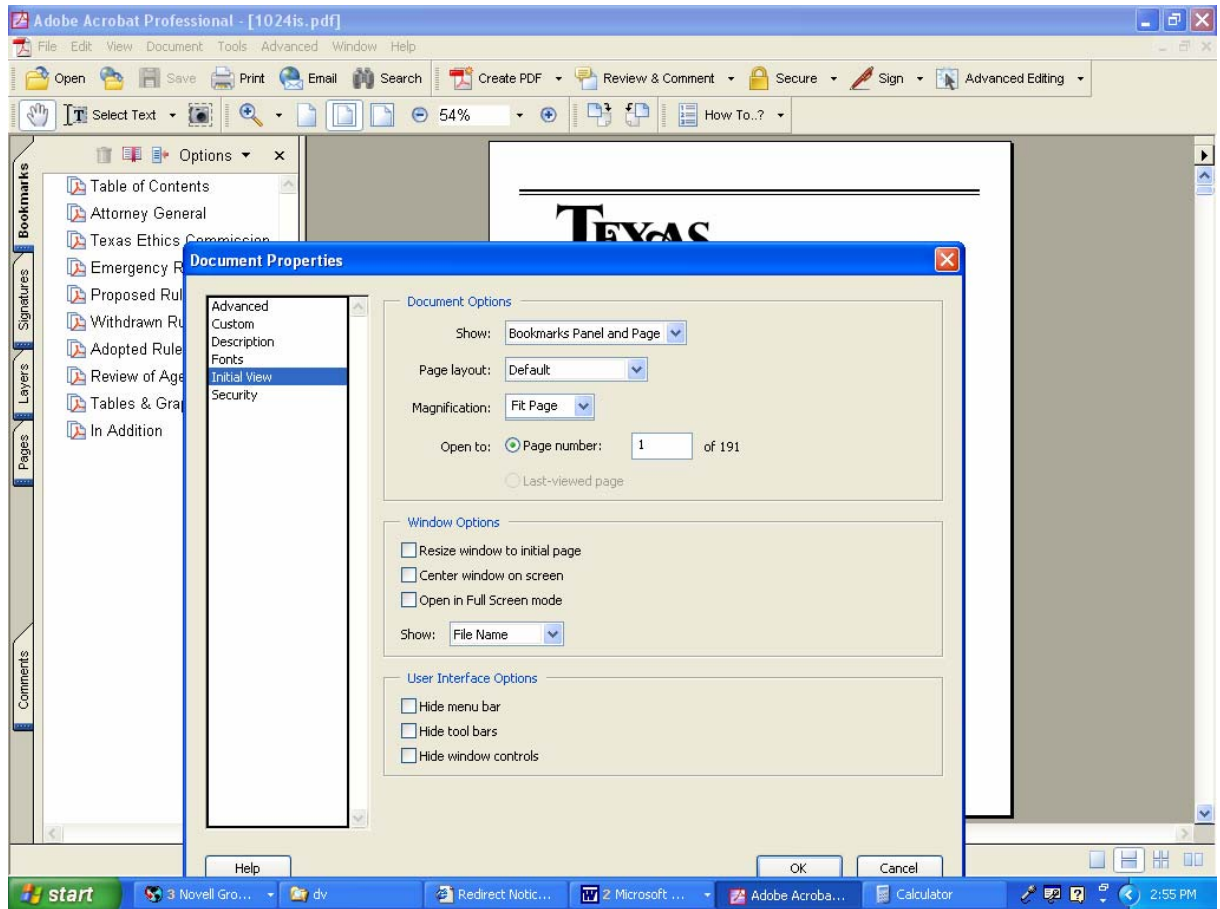
*Page for the show.*

- For *Page Layout* accept the *default*.

- For *Magnification* select *Fit Page*.

- Then click *OK*.

*Note:* For adding *Description* See *Adding Metadata* section below.

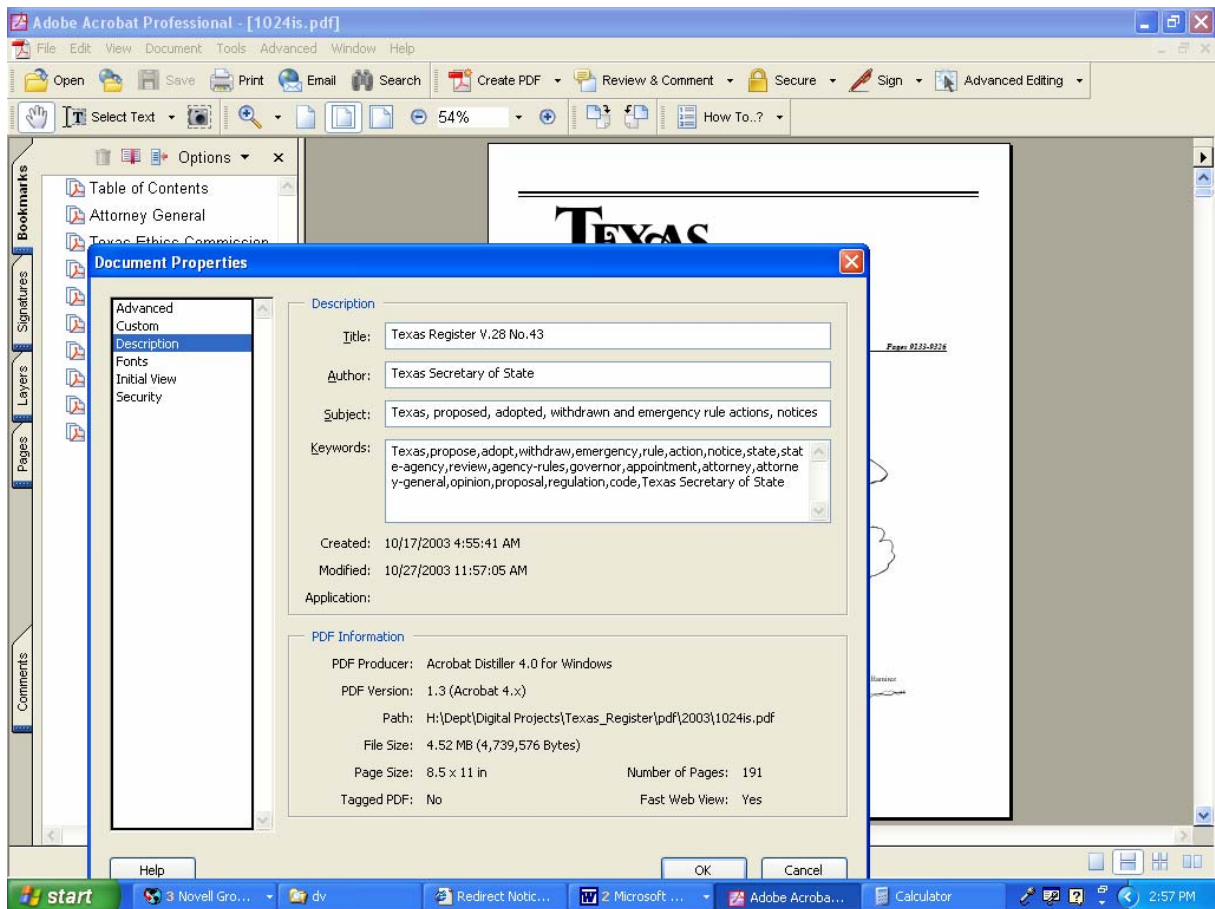


**Figure-3 Setting the Initial View of PDF file**

#### 4.2.2 Adding Metadata to the PDF file

Once the PDF files have been organized with the best possible visual effect and navigation, Adobe Acrobat will allow some metadata information to be added to the PDF file. To add searchable Information and set binding, go to the *File menu*, and select *Document Properties*, and choose *Description*. Enter the *Title* of the document, the *Subject*, the *Author*, and *keywords* separated with a comma. The information entered here will display on the hit list when the search engine is used. Please note that many Web search engines use the title to describe the document in their search results list. If you do not provide a title, the filename

will appear in the results list instead. It is currently considered best practice to not to repeat any one word more than four times, since search engines interpret meta-tags that repeat words too many times as an attempt to spoof them and toss them out. It is desirable to enter the field information in consistent way. When you are done, click OK. This process enhances access and discovery of the digital documents by the users.



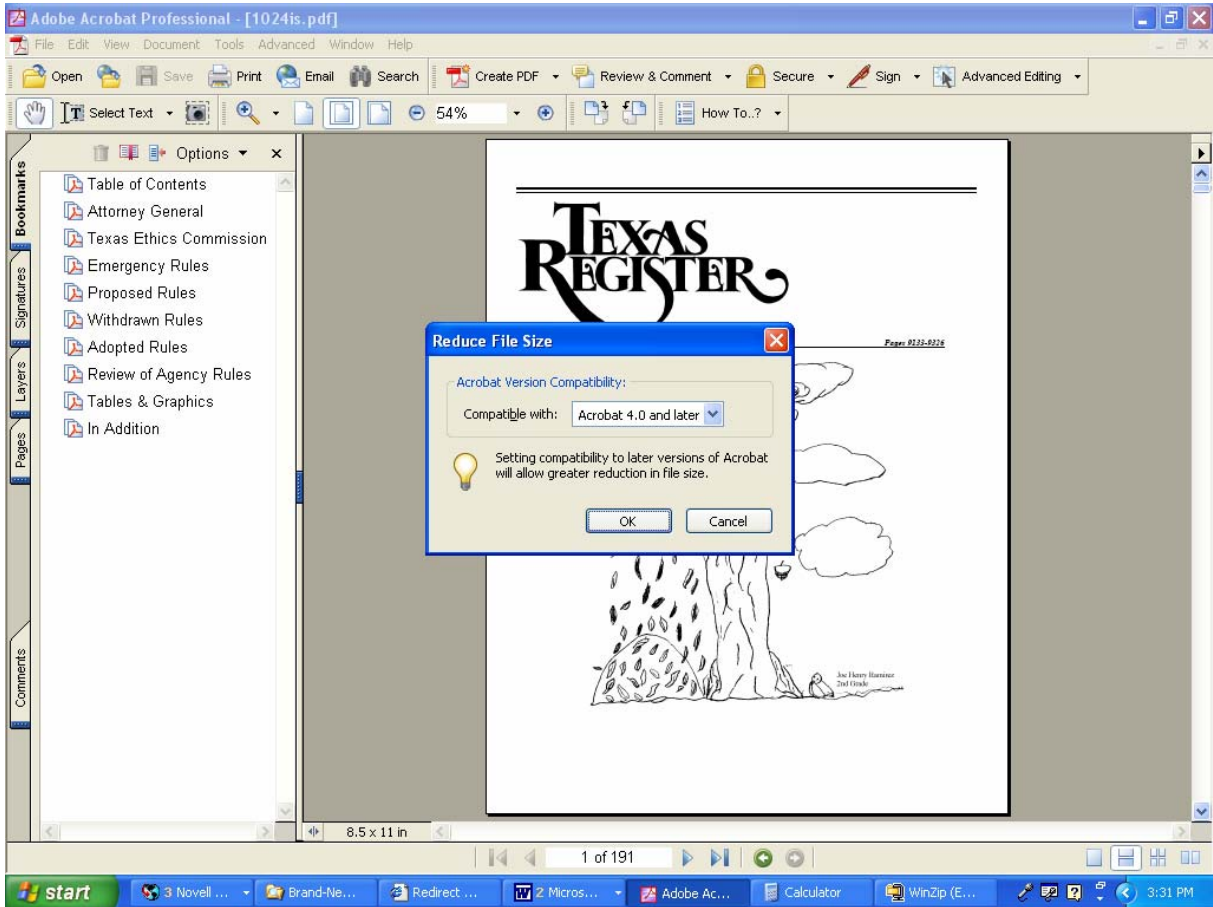
**Figure-4 Adding Metadata to PDF file**

Beyond describing resources, and providing simple verification of the integrity, ownership, and authorship of resources, metadata in general, is useful to designate as much information as possible about the technical information, provenance, and administrative information. As depicted above, technically, it is possible to create metadata (in addition to the simple descriptive information) for PDF files. Although Adobe Acrobat allows to create detail metadata, we have not yet started adding preservation metadata. In addition, we want to make sure that our search engine rates all digital resources equally. Currently, we are assessing and experimenting the possibilities of adding preservation metadata to our digital resources. See also the metadata guideline at: <http://texashistory.unt.edu/guides/help/UNTL-Metadata-Guide.htm> .

#### 4.2.3 Saving PDF Files

To save the PDF file, go to the *File* menu and select *Reduce File Size*. Then in the *Compatible With* box select *Acrobat 4.0 and later* and save it to the appropriate directory on the *Texas Register* folder. Here please note that although setting compatibility to latest version such as Acrobat 6.0 reduce the file size significantly, for the sake of wider access we recommend to go back and ensure compatibility to the older versions including *Acrobat 4.0*





**Figure-5 Setting the Compatibility to various versions of Adobe Acrobat**

### 4.3 The *Texas Register* HTML File

The following table (Table-4) provides a summary report of the total number of Texas Register HTML files received and processed from September 1996 to December 2004. The table also depicts the total number of folders within folder, number of files available in each folder, and the total file size of the html files of each year.

<b>Year</b>	<b>No. of Issues in the Year's folder</b>	<b>Total No. of Files in each folders</b>	<b>Total File Size in MB</b>	<b>Remark</b>
2006	52	3,596	143	
2005	52	3,0020	135	
2004	53	2,891	126	
2003	52	2,546	99	
2002	52	3,096	76	
2001	52	2252	65	
2000	52	1453	75	
1999	53	1280	68	
1998	52	1302	63	
1997	82	1306	57	
1996	21	346	15	Starts in Sept., 1996
<b>Total</b>	<b>469</b>	<b>23,088</b>	<b>922</b>	

**Table-4: The Texas Register HTML File**

Here, it should be noted that we have made significant html file cleaning in August-2003. In this regard, we reduced the file size of the html files by deleting duplicate and unnecessary files from each folder. In this major cleaning process, we have gone through all unlinked html files on the server. Then we verified and did cleaning, among other actions that have taken to resolve each unlinked files problem, deleting unnecessary files is the major activities. As can be seen in Table-5 below, the number of html file have reduced from 45729 to 13,581 (excluding the 2004, 2005, and 2006 files). Similarly, the files sizes have also reduced significantly, from 1672 to just 518 MB.

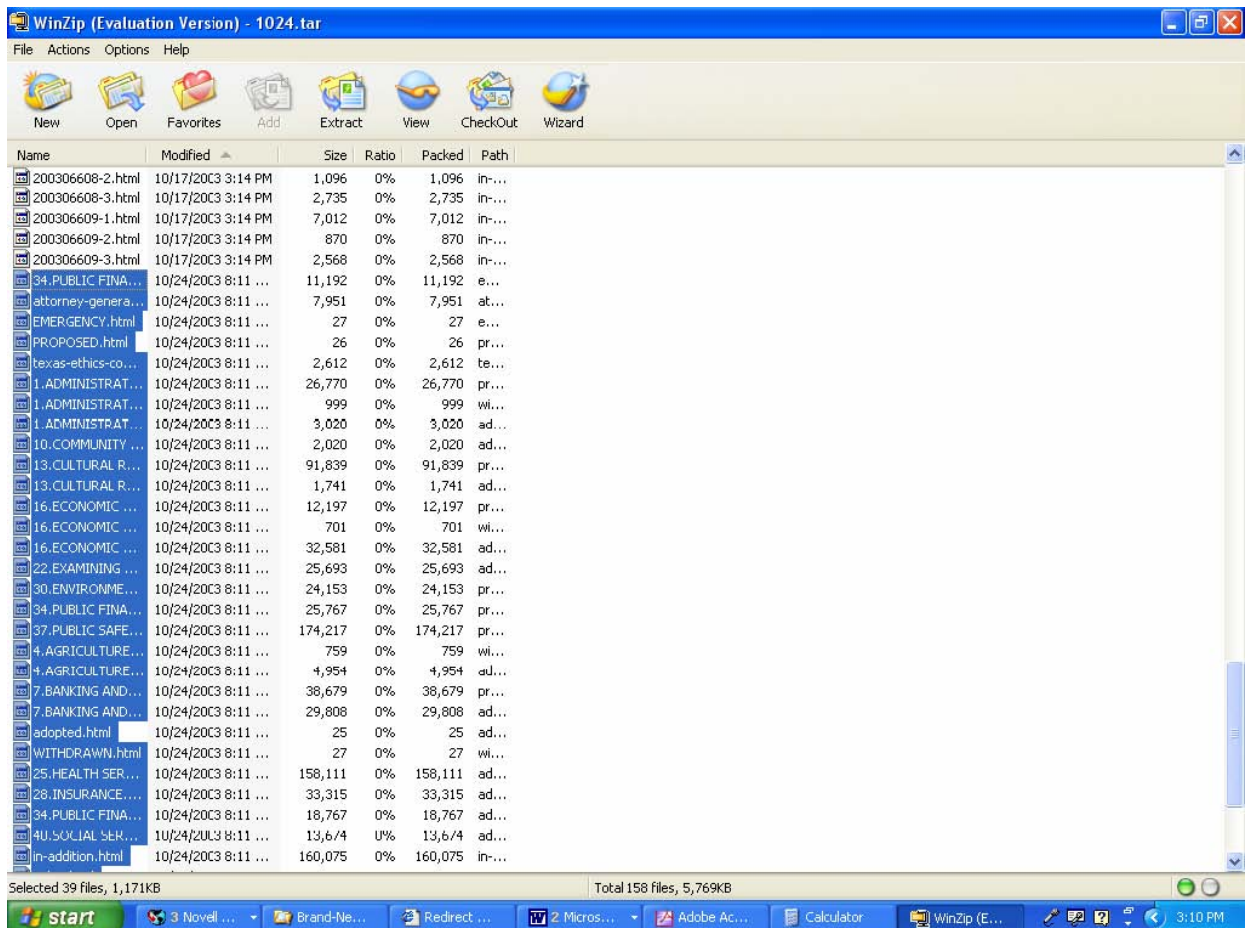
Year	Old (Unclean) Files	Total Size of Old Files (in MB)	Cleaned and useful Files	Total Size of New (Cleaned) Files (in MB)	Remark
2006	-	-	3596	143	
2007	-	-	3020	135	
2004	-	-	2,891	126	
2003	10,000*	331	2,546	99	*Roughly
2002	8348	329	3,096	76	
2001	7836	304	2252	65	
2000	7230	281	1453	75	
1999	4002	122	1280	68	
1998	3127	110	1302	63	
1997	4224	164	1306	57	
1996	962	031	346	15	
<b>Total</b>	<b>45729</b>	<b>1672 MB</b>	<b>23,088</b>	<b>869 MB</b>	

**Table-5: The Original and Cleaned HTML Files**

Like the text files, *Texas Register* HTML files arrive as compressed or zipped files called “Tar” files, which compress many files together into a single grouping. To uncompress the `tar` files, we use a WinZip utility. WinZip brings the convenience of Windows to the use of *TAR* files and other popular compression formats. It can be downloaded freely from <http://www.winzip.com/>. WinZip’s features and built-in support (including the optional wizard interface) make unzipping the *tar* file easy. To unzip the *tar* files we follow the following steps:

- First copy the original tar file into appropriate workspace folder so that the original files remains unchanged, (this is just for archiving purposes).
- Rename it by giving “.tar” extension name. As can be seen in figure-4 below, the new extension name will appear and the original file, “031601”, will be saved as a new file with a different icon and extension name, “031601.tar”.
- Then unzip it just by opening (double clicking) the new file with “.tar” extension name.
- Then, the WinZip features will pop up with the list of available files in the folder. Then Go to *Options* menu and select *sort* and then select *by date*.

- Finally, select the appropriate files (usually the most current date's files) and then save the files to the appropriate folder in *H* directory by clicking the “*Extract*” button. See Figure-5 below. As always, for efficient management, all html files folders should be named consistently (in accordance to the date of the issue). For example ‘102403’ issue should be saved in HTML main folder and 2003 sub folder and then Oct-24 folder.



**Figure-6 Sorting Html Files (By date) and Preparing for Saving**

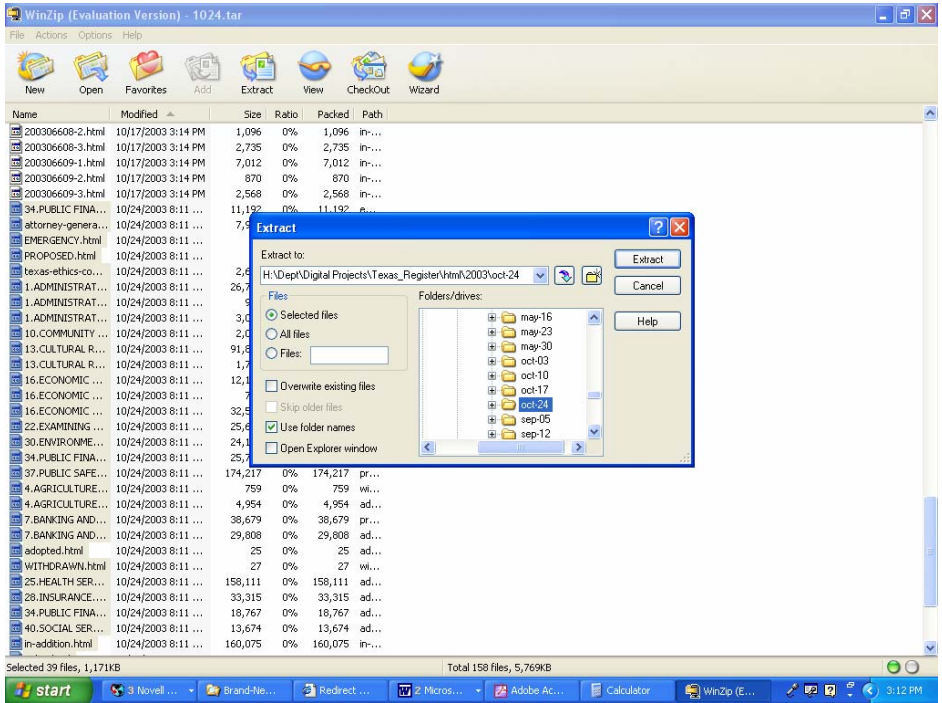


Figure-7 Extracting TAR Files

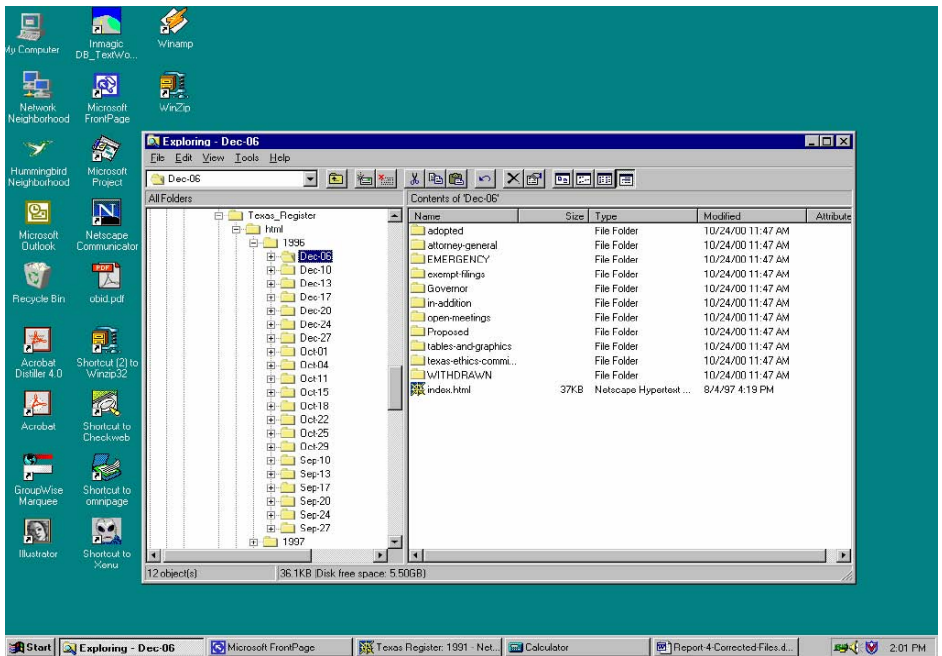


Figure-8: File Structure of the HTML File (after Extraction)

#### 4.4. Index to *Texas Register*

The full annual indexes (from 1991 to 2006) are available in both PDF and html formats at: [http://texinfo.library.unt.edu/texasregister/tex\\_reg\\_index.html](http://texinfo.library.unt.edu/texasregister/tex_reg_index.html). The UNT Index to Texas Register site provides a chronological index to Texas Register publications. Since the annual index files are fairly large, in order to avoid a long wait in download time, each year indexes are divided into topics including: (Agency Guide, Open Meetings, Regional Meetings, and Titles Affected). For the most current index, please check the quarterly indexes, which publish at the Secretary of State: Texas Register Site.

#### 4.5. The “Texas Register” File Structure Summary

As described above, starting from June 1991 we received *Texas Register* in three different electronic format, namely text files (see Table-2), PDF files (see Table-3), and html files (see Table-4)].

Table-6 and 7 recapitulate all the above tables and provide a succinct summary. Currently, (in July 2007) the total server size of the *Texas Register* (together with the indexes, graphics, images, and other web enhancement files) is about 4.3 GB. Considering the continuous addition of weekly issues in both html and PDF file types, its server size would pass the 5 GB mark very soon.

<b>File Type</b>	<b>Total No. of Files</b>	<b>Total File Size in MB</b>	<b>Remarks</b>
Text	4,775	371	1991-1998
PDF	610	2672	1996-2006 + (single issue of 1994, which was locally digitized)
HTML	23,088	869	1996-2006
<b>Total</b>	<b>21,753</b>	<b>3912 MB</b>	

**Table-6: The Total File Number and size of The *Texas Register* by File Type (1991-2006)**

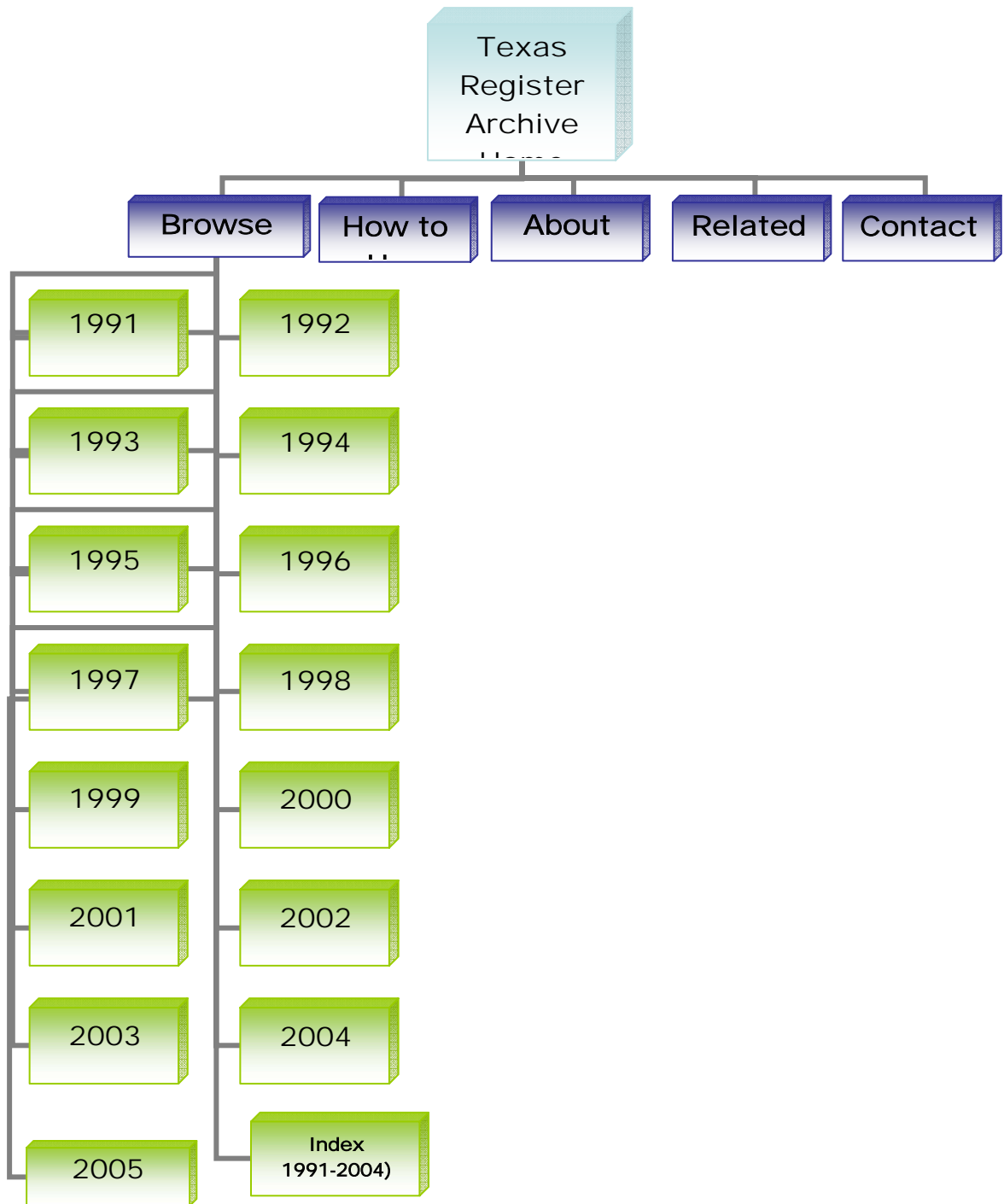
<b>YEAR</b>	<b>Total No. Files</b>	<b>Total No of File size in MB</b>	<b>Remarks</b>
2006	3,648	353	
2005	3,072	398	
2004	2,944	461	
2003	2,598	399	
2002	8,400	604	
2001	7,888	500	
2000	7,284	540	
1999	4,056	439	
1998	3,515	362	No more text files after 1998.
1997	4,881	301	
1996	1,860	147	PDF and HTML Start in 1996
1995	0709	052	
1994	0688	063	
1993	0678	045	
1992	0702	040	
1991	0246	021	
<b>Total</b>	<b>52,823</b>	<b>4725</b>	About <b>4.5 GB</b> File size

**Table-7: The Total File Number and size of The Texas Register by Year (1991-2006).**

## **V. The Texas Register Web Site**

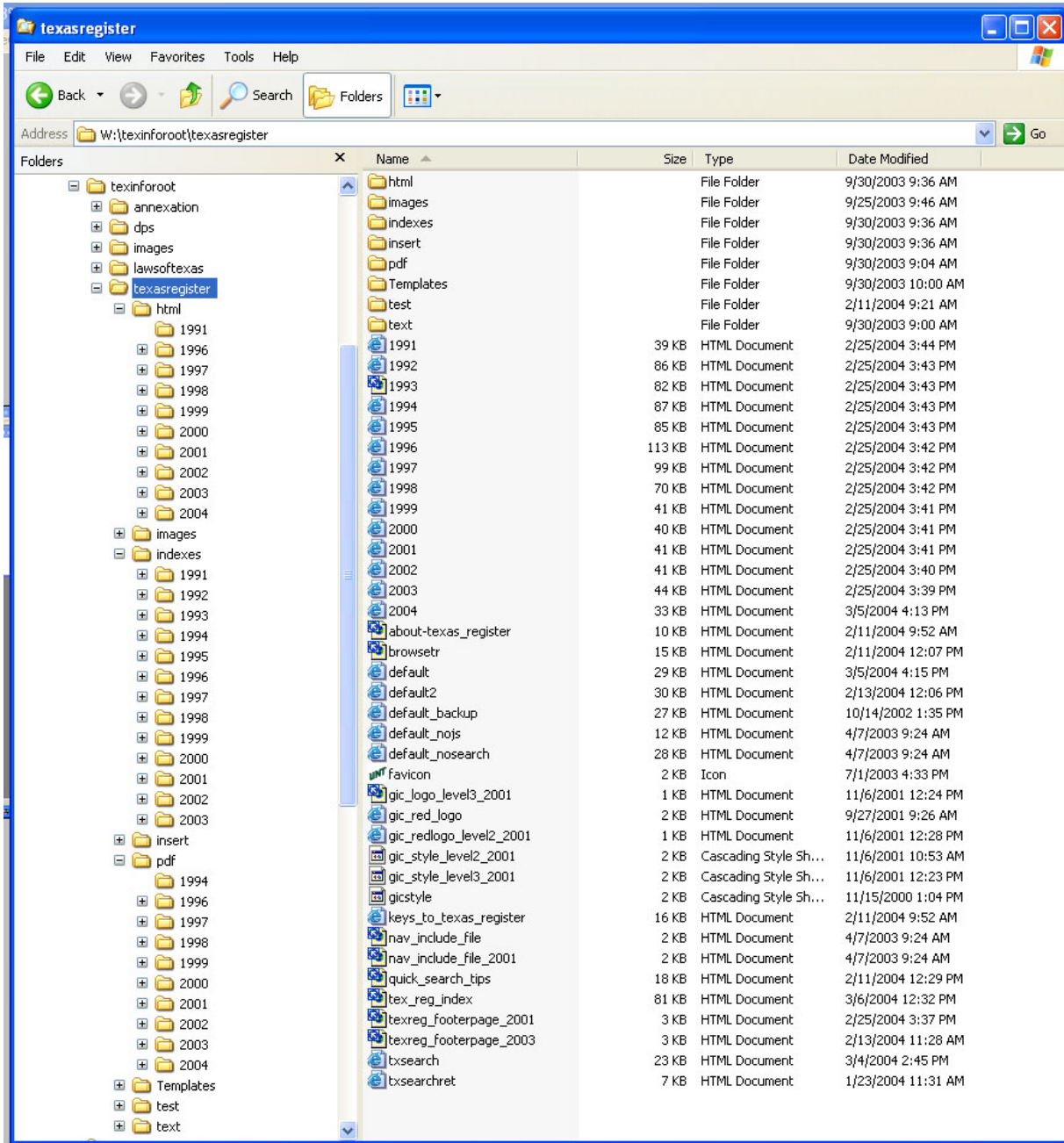
The Texas Register Web site was officially launched on February 01, 2000. Anyone can browse or search the Texas Register issues from September 1991 to present in three different file types, namely Text, PDF, and HTML at:

<http://texinfo.library.unt.edu/texasregister/> . The File structure of the website is described in Figure- 9 below.



**Figure-9: File Structure of the *Texas Register* Web Site**





**Figure-10: Contents' Structure of the *Texas Register* Website**

Figure 9 and 10 above show the overall file structure of the *Texas Register* Web site. To facilitate access to the *Texas Register* contents, in addition to the installation of a search engine, several enhancements were made. As can be seen from the Figure 11, below, the

enhancements included the preparation of helpful guides, and a number of other supporting documents that describe the electronic file structure and organization. The general conceptual map of *Texas Register* Web site structure is also listed and described in the appendices of this document.

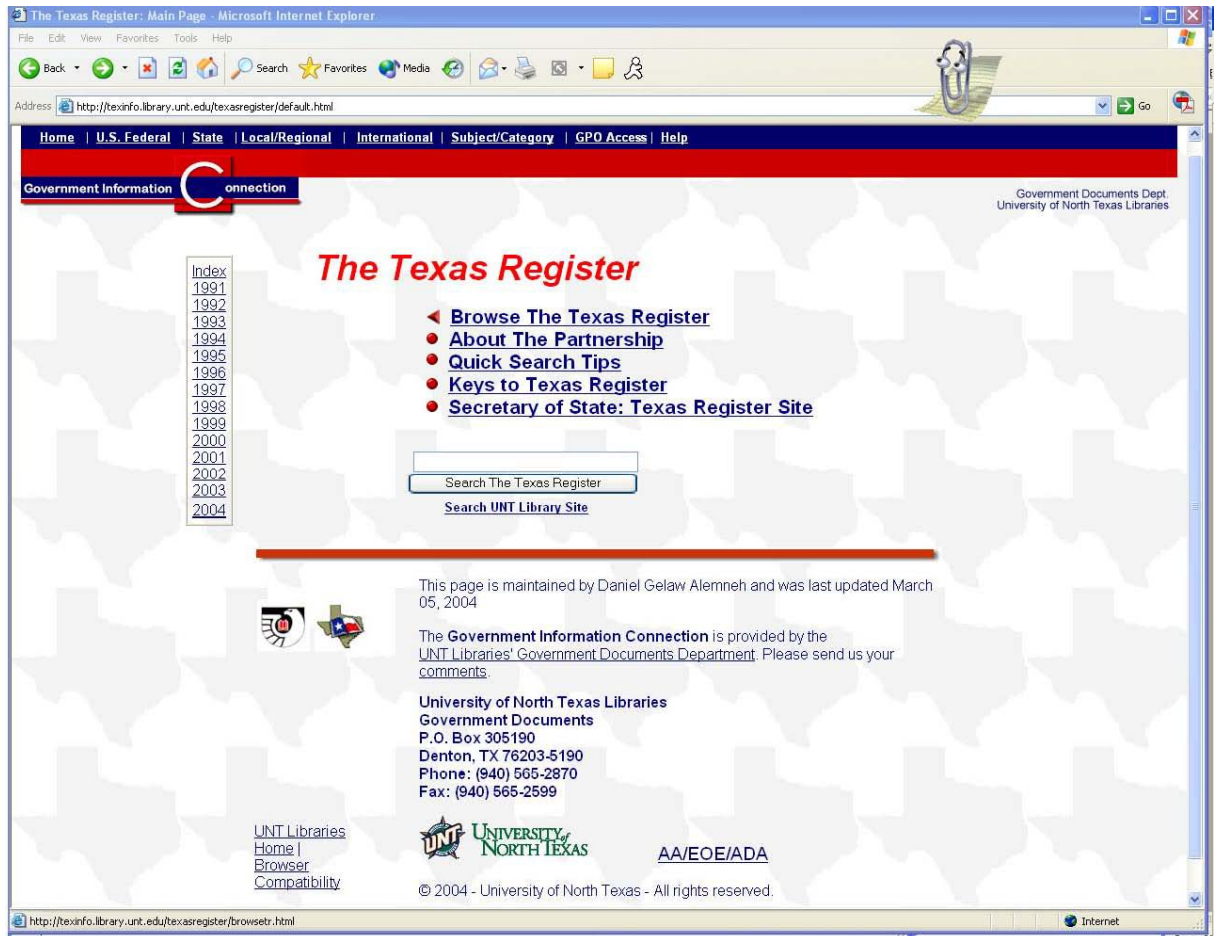


Figure-11: The *Texas Register* Website, as it appears in March 2004 at:  
<http://texinfo.library.unt.edu/texasregister/>



Figure-12: The *Texas Register* Website, as it appears in March 2005 at:  
<http://texinfo.library.unt.edu/texasregister/>

## VI. Conclusion

Knowing the positive impact of the availability of the *Texas Register* over the Internet, several activities promoted the Web site. As can be seen from Appendix-VII, we encouraged all organizations and institutions related to legal research to link their Web site to this valuable source of information. The Secretary of State - Texas Register Office links to us from their site at: <http://lamb.sos.state.tx.us/texreg/> . This digital project contributes to our “E-government” efforts, i.e. to facilitate current access and preserve electronic government information for future use.

In addition to making government information resources accessible to users, we are also paying a series attention to the issues of digital resources preservation. Among other interrelated activities, for archiving purpose, we burned both the original and the cleaned or enhanced *Texas Register* files into Compact Discs (CDs) and kept them at the head of the Government Documents Department’s Office. For preservation concerns, we are also planning to move the CDs to other building. Please see Table-11 and 12 in Appendix-VII.

We also believe that this fairly detailed report will help as documentation, in facilitating future preservation activities. For further details of software specifications, please also see Appendix VI.

**Digital Projects Department,**  
University of North Texas Libraries  
P.O.Box 305190  
Denton, TX-76203  
Phone: (940) 565-3269  
Fax: (940) 565-2599  
Web: [www.library.unt.edu/govinfo](http://www.library.unt.edu/govinfo)

**Government Documents Department,**  
University of North Texas Libraries  
P.O.Box 305190  
& Denton, TX-76203  
Phone: (940) 565-2870  
Fax: (940) 565-2599  
Web: [www.library.unt.edu/govinfo](http://www.library.unt.edu/govinfo)  
<http://texinfo.library.unt.edu/texasregister>

# VII. Appendices

## Appendix-I: Texinfo Sub-Web Structure

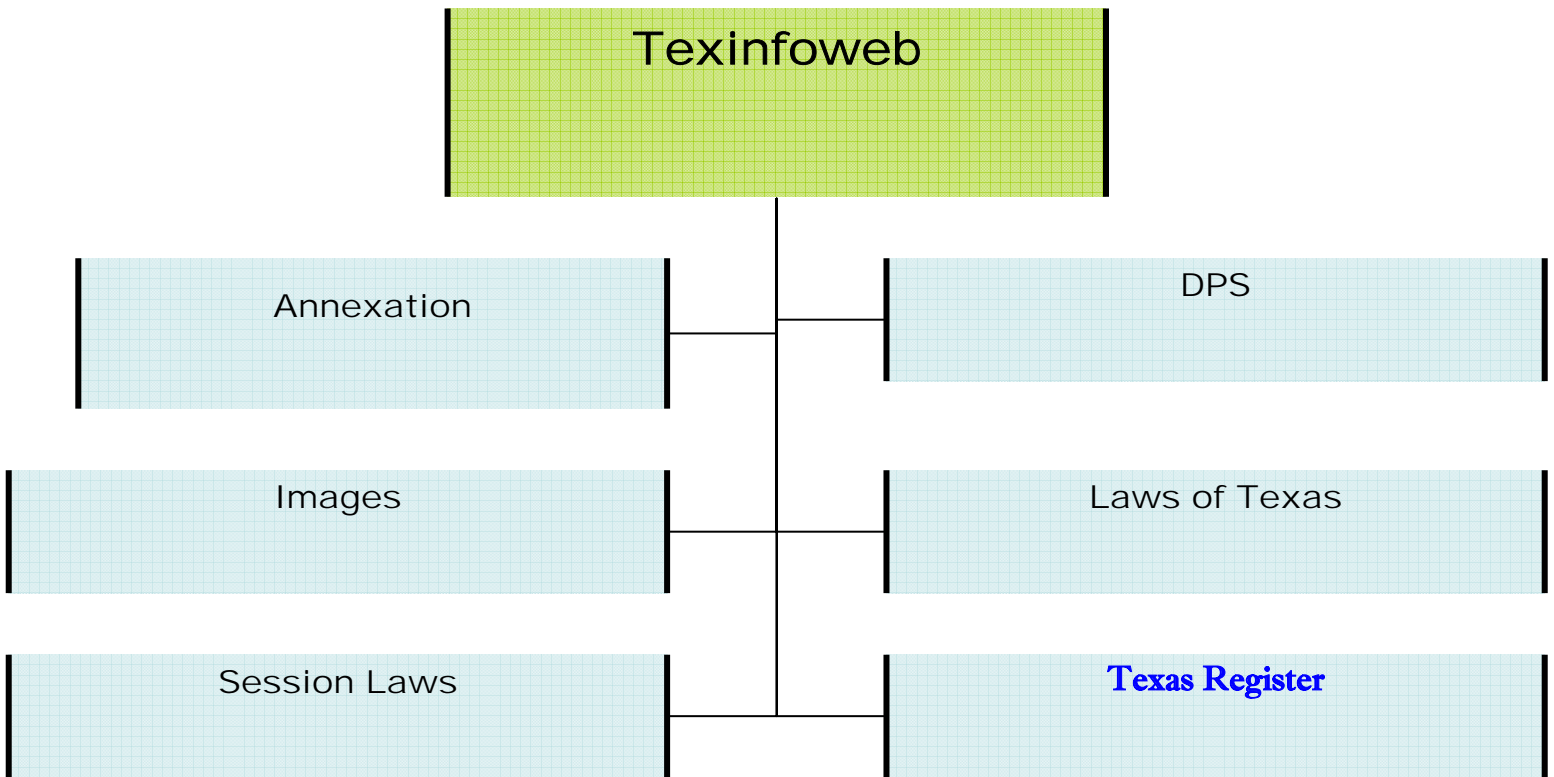


Figure-13: File Structure of the *Texinfo* Web Server

## Appendix-II: Texas Register General Web Structure

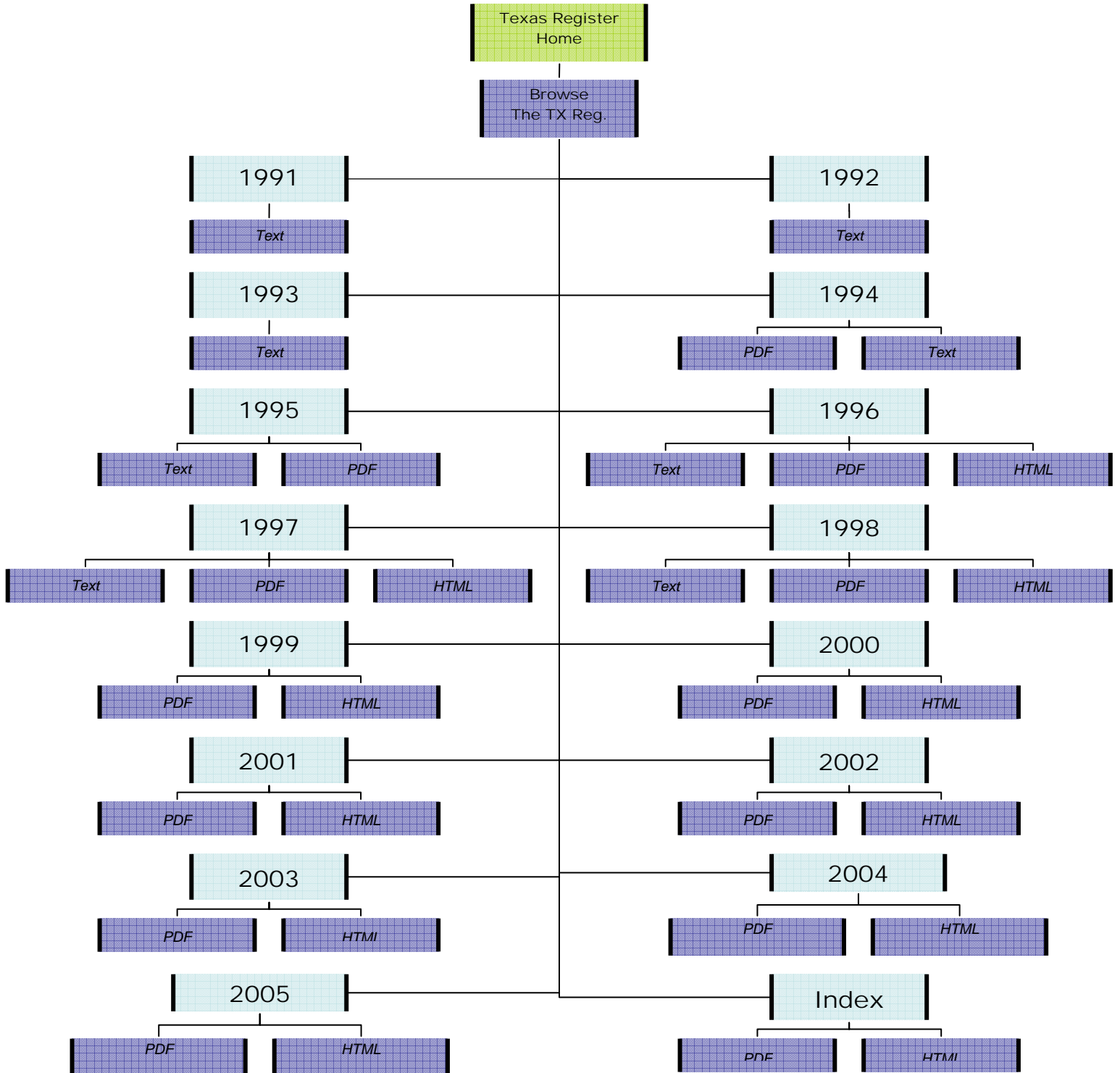


Figure-14: The most Current *Texas Register* Website Structure (March 2005)

**Appendix-III: Problem Files, which are available at least in one format/s**

YEAR	NAMES OF FILES THAT HAVE SOME PROBLEMS			REMARKS
	TXT	PDF	HTML	
1998	January 02, (V. 23 No. 1)			PP. 1-279 No TXT fil1. (But it is available in PDF and HTML formats)
1997		March 04 V.22, No. 17, PP. 2407-2469		We have not received the PDF file2(but it is available both in TXT and HTML formats) (62 pages)
//		March 07 V.22, No. 18,		PP. 2471-2549 // (78 pages)
//		March 11 V.22, No. 19,		PP. 2551-2667 // (116 pages)
//		March 14 V.22, No. 20,		PP. 2669-2829 // (160 pages)
//		March 18 V.22, No. 21,		PP. 2831-2913 // (82 pages)
//		March 21 V.22, No. 22,		PP. 2915-3019 // (104 pages)
//		March 25 V.22, No. 23,		PP. 3021-3067 // (46 pages)
//		March 28 V.22, No. 25,		PP. 3175-3265 // (90 pages)

*1 Generally, our plan is to digitize and make the whole Texas-Register file available at least in one electronic format (TXT, PDF, HTML or any other format). In light of this, although it is pretty simple to convert html to txt, as this file is available in two electronic (PDF and TXT) formats, we may not need to worry about it at least for the time being.*

*2 Here, since the March-1997 files are available in electronic (both in txt and html) formats, we may not need to scan these documents as well.*



YEAR	NAMES OF FILES THAT HAVE SOME PROBLEMS			REMARKS
	TXT	PDF	HTML	
1996		September 03 V.21, No. 65,		PP. 8337-8552. No PDF file <sup>3</sup> It exist only in TXT format (215pages)
1996*		November 01 V.21, No. 81, PP.10791- 10850	November 01 V.21, No. 81,	We have not received both the PDF and HTML files (it is available only in TXT format). (59 pages)
		November 05 V.21, No. 82	November 05 V.21, No. 82	P.10851-10943 // (92 pages)
		November 08 V.21, No. 83	November 08 V.21, No. 83,	P.10943-11021 // (78 pages)
		November 12 V.21, No. 84	November 12 V.21, No. 84	P.11023-11130 // (107 pages)
		November 15 V.21, No. 85	November 15 V.21, No. 85	P.11131-11210 // (79 pages)
		November 19 V.21, No. 86	November 19 V.21, No. 86,	P.11211-11328 // (117 pages)
		November 22 V.21, No. 87	November 22 V.21, No. 87	P.11329-11422 // (93 pages)
		November 26 V.21, No. 88	November 26 V.21, No. 88,	P.11423-11548 // (125 pages)
		November 29 V.21, No. 89,	November 29 V.21, No. 89,	P.11549-11676 // (127 pages)
<b>TOTAL</b>	<b>1</b>	<b>18</b>	<b>9</b>	<b>(1830 pages)</b>

**Table-8: Problem Files**

\* Those (in red color) were already reported as missing files and do not available. (For further information please read comments, by leaving the cursor on the yellow line).

*3 Here again, since it is available in one electronic (txt) format, we may not need to scan this 215 pages document. BTW, we start receiving HTML format in September (after this issue). Therefore, for the sake of consistence, we don't need to convert this txt file into html format.*

## Appendix-IV: Replaced Files

YR.	FILES THAT HAVE REPLACED WITH (NEW) CORRECTED FILES					REMARKS
	DATE	TXT	PDF	HTML	PP	
2000	January 28 (V.25, No. 4)		0128IS		477 - 638	See footnote4
1999	December 10 (V.24, No. 50)		1210is		11041 - 11187	Replaced on March 16, 2005
1999	September 17 (V.24, No. 38)		0917ISA	GOVERNOR	7323 - 7595	
1999	June 23 (V.24, No. 23)		0604IS		4079 - 4320	
1998	October 09 (V.23, No. 41)		1009is		10211 - 10575	
1998	June 05 (V.23, No. 23)		0612is		6097 - 6366	
1998	February 13 (V.23, No. 07)		0213is		1235 - 1432	
1997	November 7 (V.22, No. 75)		1107is		10829 - 11024	
1997	October 10 (V.22, No. 71)	1010gov	1010is	GOVERNOR	10063 - 10189	Replaced on March 16, 2005. See also footnote5
1997	July 8 (V.22, No. 51)		0708is		6365 - 6493	
1996	September 24 (V.21, No. 71)		0924is		9123 - 9202	
1996	September 03 (V.21, No. 65)		0903is		8337 - 8552	
1996	July 16 (V.21, No. 52)		0716is		6541 - 6738	
1995	November 21 V. 20, No. 87,	1121gov			9611 - 9777	Replaced on March 16, 2005
1995	November 17 V. 20, No. 86,	1117gov			9503 - 9610	Replaced on March 16, 2005

**Table-9: Replaced Files as “Correction” and saved with 2004 and 2005 Backup Files**

4 The new replacement files (for in black text) will be bundled in “correction” folder and the backup burned or moved with the 2004 files.

5 The new replacement files for files in blue text, will be bundled in “correction” folder and burned or moved with the 2005 backup files.

## Appendix-V: Locally Corrected Files

YEAR	FILES THAT HAVE HAD SOME PROBLEMS AND CORRECTED LOCALLY			REMARKS
	TXT	PDF	HTML	
1999			January 01 (V.24, No. 1) Pp.1-223	The index file has created and linked to a January 01 1999 (Part I and II), HTML files.
1997			April 01 V.22, No. 25 PP. 3175-3265	The index file has created and linked to April 01, 1997 HTML files.
1997			April 11 V.22, No. 27 PP. 3341-3503	The index file has created and linked to April 11, 1997 HTML files.
1994	March 29 V. 19, No. 23 PP. 2155-2242			Since we have not received the complete TXT format (except the 'Adopted Sections') of this particular file, we scan the whole 87 pages and make it available in PDF format. <sup>6</sup>

**Table-10: Locally Corrected Files**

---

<sup>6</sup> Even though all 1994 files are in text format, as this specific file was not complete, we scanned the whole pages of the Vol. 19, No.23 issue and make it available in PDF format.

## Appendix VI: General information about Software Versions & Specifications

File Type	Producer SW	Year
<b>1. Text</b>	Microsoft ® Notepad Version 4.0	09/20/1991 to 09/25/1998
	Microsoft Word (2000)	
<b>2. PDF</b>	Acrobat Distiller 2.0 for Windows	04/02/1996 to 10/30/1998.
	Acrobat Distiller 3.01 for Windows	From 11/06/1998 to present
	Adobe Acrobat 4.0 Acrobat 4.0 Import Plug-in for Windows	Locally Digitized in 2000
	Adobe Acrobat 6.0 Professional	
<b>3. Html</b>	Microsoft ® FrontPage® 2000 Version 4.0.2.2717	
	Macromedia Dreamweaver 2. (Version 2.01)	
	Macromedia Dreamweaver 3	
	Macromedia Flash 3 (Version 3.0)	
	Fireworks 3...	

**Table-11: General information about Software Versions & Specifications**

## Appendix-VII: Summary of Contents of Texas Register Files Burned to CDs

<b>Digital Resources contained on these CDs (1-6) are burned from the FTP site of the Texas Register, as exactly they appear when we originally receive them (i.e. compressed, not enhanced, etc.)</b>						
<b>Disk Summary</b>	<b>Folders' Name</b>	<b>No. of Files</b>	<b>Total Size in MB</b>	<b>File Type</b>	<b>Compressed</b>	<b>Remarks</b>
<b>Disk-1,</b> (510 MB) burned in March 02	1990	-	-	-	-	Empty folder
	1991	224	6.3	Text	Yes	Original Files (not- enhanced)
	1992	700	19.7	Text	Yes	
	1993	678	20.5	Text	Yes	
	1994	682	22.6	Text	Yes	
	1995	709	23.0	Text	Yes	
	1996	898	88.3	Text and PDF	Yes-text/No-PDF	
	1996	21	29.5	Tar	Yes (except 4 files)	
	1997	657	135	Text and PDF	Yes-text/No-PDF	
1997	82	158	Tar	Yes		
<b>Disk-2,</b> (426 MB) burned in March 02						“
	1998	394	319	Text and PDF	Yes-text/No-PDF	
	1998	52	106	Tar	Yes (except 6 files)	
<b>Disk-3,</b> (474 MB) burned in March 02						“
	1999	28	358	PDF	No	
	1999	52	116	Tar	Yes	
<b>Disk-4,</b> (642 MB) burned in March 02						“
	1996	63	50.2	PDF	No	
	1997	75	84.4	PDF	No	
	1998	52	208	PDF	No	
	1999	24	76.3	PDF	No	
Resend	26	222	PDF	No	1999	
<b>Disk-5,</b> (581 MB) burned in March 02						“
	2000	47	244	PDF	No	
	2000	47	245	Tar	Yes	
	2001	9	22.7	PDF	No	
	2001	9	69.3	Tar	Yes	
help	1	0.2	Word	No		
<b>Disk-6,</b> (512 MB) burned on January 28						By using Sony CD-RW CRX160E
	2001	52	210	PDF	No	
	2001	52	302	Tar	Yes	

**Table- 12: Contents of Texas Register Original Files Burned to CDs-(CD1-CD6)**

<b>Digital Resources contained on these CDs (7-14) are burned from The Texas Register Server at: <a href="http://texinfo.library.unt.edu/texasregister">http://texinfo.library.unt.edu/texasregister</a>. They are enhanced with additional functionalities</b>					
<b>Disk Summary</b>	<b>Folders' Name</b>	<b>No. of Files</b>	<b>Total Size in MB</b>	<b>File Type</b>	<b>Remarks</b>
<b>Disk-7, (440 MB)</b> burned on February 08, 2002	1991	1	0.5	HTML	By using Sony CD-RW CRX160E
	1996	962	30.5	HTML	
	1997	4224	164.5	HTML	
	1998	3127	110.5	HTML	
	1999	4004	125.5	HTML	
<b>Disk-8, (616 MB)</b> burned in Feb. 2002	2000	7373	286.5	HTML	“
	2001	8116	322.5	HTML	
<b>Disk-9, (676 MB)</b> burned in February 2002	1994	1	11.0	PDF	“
	1996	64	51.5	PDF	
	1997	75	84.5	PDF	
	1998	52	210.5	PDF	
	1999	54	318.0	PDF	
<b>Disk-10, (461 MB)</b> burned in Feb.2002	2000	52	251.0	PDF	“
	2001	52	201.0	PDF	
<b>Disk-11, (409 MB)</b> burned in February, 2002	Images	71	1.0	Gif, Jpg, & Css	“
	Indexes	66	23.5	Html, Pdf, & Txt	
	Insert	8	1.0	HTML & CSS	
	Templates	23	0.5	HTML, Gif	
	Text	4774	379.5	TEXT	
	Web	33	1.5	Html & CSS	
	Report	1	1.0	Word (Doc)	
<b>Disk-12, (385 MB)</b> burned on March 04, 2002	DPS-web	103	166.4	html	“
	Images	55	1.0	Gif, Jpg, & Css	
	Layers	12	0.5	Html, Pdf, & Txt	
	<b>PDF-2</b>	59	217.5	PDF	
	Redlogoslices	8	0.5		
	Templates	7	0.5	HTML, Gif	
	Web files	38	1.5	Html & CSS	
<b>Disk-13, (660 MB)</b> burned in March 2002	PDF	191	659.5	PDF	“
<b>Disk-14, (167 MB)</b> burned March 04, 2002	DPS - Website	103	166.5	PDF, html, jpg, etc.	“
<b>Disk-15, (636 MB)</b> burned on January 31, 2003	2002 pdf	52	279	PDF	Original
	2002 tar	52	319	tar	“
	correction	09	037	PDF	“
<b>Disk-16, (637 MB)</b> burned on January 31, 2003	2002	8185	316	HTML	Enhanced
	2002	0052	269	PDF	
	correction	0009	038	PDF	

**Table-13: Contents of Texas Register Enhanced Files Burned to CDs (CD-7 - 14)**

## **Appendix-VIII: Press Releases**

### Press Release-I

#### **University of North Texas, February 9, 2001 University of North Texas Libraries and the Texas Register**

In 2000, the Office of the Texas Secretary of State - Texas Register and The University of North Texas Libraries entered into a partnership agreement to insure permanent storage and public access to the electronic back files of The Texas Register. In the fall of 2000, more than 23,000 files were transferred from the Texas Register office to the UNT Libraries where they were organized and authenticated for public use.

The files available from UNT cover all Texas Register issues published since September 1991. Search or browse this collection at < <http://texinfo.library.unt.edu/texasregister/> >.

The Texas Register files are part of the Government Information Connection<sup>SM</sup> "Cybercemetery" project.

< <http://www.library.unt.edu/govinfo> >.

The Texas Register, published weekly by the Texas Register Office, serves as the notice bulletin of state agency rulemaking. Issues contain emergency, proposed, and adopted rules; notices of withdrawn and repealed rules; notices of rule review and other information submitted by state agencies for publication.

Texas is recognized as one of the best examples of "e-government" in the nation. E-Texas is the future. Preserving access to important state agency electronic information is critical. The University of North Texas and the Office of the Texas Secretary of State - Texas Register partnership preserves part of our Texas heritage for the future.

## Press Release-II

### **The Newsletter of the Government Documents Round Table of the Texas Library Association**

The UNT Libraries' Documents Department news consists of five items for Vol. 7, #2 spring 2001 issue of Lone Star Docs, (The Newsletter of the Government Documents Round Table of the Texas Library Association). The first one was about the *Texas Register* Web site. See the full story at: <http://www.txla.org/groups/godort/pubs/spring01/field.html#unt>

1. **The Texas Register Web site is launched!** Search or browse the site, now available at: <http://texinfo.library.unt.edu/texasregister/> (Also, the Secretary of State - Texas Register Office links to us from their site at: <http://lamb.sos.state.tx.us/texreg/> ) your review and feedback on this site would be greatly appreciated. You may browse or search the Texas Register issues from September 1991 to present in a variety of file types. More than 15,000 files were unzipped, examined, and organized to create this site. A few issues that were missing from the Texas Register Office's disc storage of back files were pulled from our paper collection, scanned, and are available on the site. Daniel Alemneh, a highly skilled Graduate Library Assistant, provided much of the daily work and design for the project.

===== // =====



