The SGML Web Page

 The SGML Web Page lives at http://www.sil.org/sgml/sgml.html, and plans are being made for it to be mirrored by SoftQuad's WWW server.

Support for the development and maintenance of this SGML Web Page is provided in part by SoftQuad, Inc. and by the Summer Institute of Linguistics, to whom gratitude is acknowledged.

Introduction

SGML (Standard Generalized Markup Language) is an ISO standard (ISO 8879:1986) which supplies a formal notation for the definition of generalized markup languages. This *SGML Web Page* is an online database of SGML information and software, designed to make information about SGML resources freely accessible by means of a Web browser.

The reference collection currently has some 1900 documents. Other Internet FTP sites supporting SGML provide a wealth of valuable information in disk files, but access to that information via the filesystems is sometimes not optimal for the beginner. This WWW document collection attempts to embed links to the SGML archives within descriptive prose, and within a subject-oriented document hierarchy. Introductions to SGML are provided for beginners; technical and reference materials are made available for researchers and implementors. The SGML Web Page includes a comprehensive annotated and linked bibliography for SGML, with over 1500 bibliographic entries. The entire database is indexed for keyword search and retrieval.

Documents in the database are maintained by hand, so the liabilities are legion. Users are urged to take cognizance of the disclaimers and caveats.

This page is maintained by Robin Cover. Send comments to robin@acadcomp.sil.org.

Table of Contents

6. SGML Serial Publications
7. SGML Consortia, Users' Groups, and SIGs
    - The Yuri Rubinsky Insight Foundation
    - SGML Open
    - International SGML Users' Group (ISUG) - Including National/Regional Affiliates
    - Graphic Communications Association (GCA)
    - Graphic Communications Association Research Institute (GCARI)
    - SGML Project (at Exeter)
    - SGML Repository (at Oslo)
    - Electronic Publishing Special Interest Group (EPSIG)
    - European Workgroup on SGML (EWS)
8. SGML Conferences, Seminars, Tutorials, Workshops
9. SGML Year in Review
10. SGML Discussion Groups and Mailing Lists
11. Public SGML Software
    - **Public SGML Software: Table of Contents**
    - SGML Parsers
    - SGML/HyTime Editing, Browsing, and Searching Tools
    - SGML Data Conversion, Transformation, and Manipulation
    - SGML Formatting Tools
    - DSSSL Software Tools
    - XML Software Tools
12. Commercial SGML Software
13. SGML: General Projects and Applications
    - HyTime: ISO 10744 Hypermedia/Time-based Structuring Language
    - SMDL (Standard Music Description Language) ISO/IEC DIS 10743:1995
    - SGML Initiative in Health Care (HL7 Health Level-7 and SGML)
    - Metafile for Interactive Documents (MID)
    - Standard Multimedia/Hypermedia Scripting Language (SMSL)
    - Digital Libraries (Initiative) and SGML
    - SGML and Metadata
    - Hyper-G Text Format (HTF)
    - Association of American Publishers (AAP)
    - ISO 12083 DTDs [EPSIG]
    - IBMIDDoc: IBM Information Development document type
    - IEEE Standards Department
    - Davenport Group (DOCBOOK, DASH, OSFBOOK, DECBook)
    - ICADD SGML: International Committee on Accessible Document Design
    - CAPS (Communication and Access to Information for Persons with Special Needs) and HARMONY
    - ELVIS - Elektronisches Literaturverzeichnis - Informatik für Sehgeschädigte
    - NITF (News Industry Text Format) [Formerly UTF - Universal Text Format]
    - Canadian Strategic Software Consortium (CSSC): SGML and SQL
    - Electronic *PROTEIN SCIENCE*
    - MIME-SGML (Multipurpose Internet Mail Extensions)
    - EWS-MAJOUR
    - OCLC SGML Projects (e.g., Fred)
    - SGML and Chemistry: The OCLC CORE Project (Chemistry Online Retrieval Experiment)

and other Initiatives

- Chemical Markup Language (CML)
- SGML and Physics/Astronomy: The American Physical Society, American Astronomical Society, and The American Institute of Physics
- GMD-IPSI SGML Projects
- Multiagency Electronic [Pharmaceutical] Regulatory Submission (MERS) Project
- The Data Documentation Initiative
- Joint Electronic Document Interchange (JEDI)
- Earth Interactions: An Electronic Journal in SGML
- Topic Navigation Maps
- Information Mapping and SGML
- Channel Definition Format, CDF (Based on XML)
- Open Financial Exchange (Based on XML/SGML)
- Meta Content Framework (MCF) - An XML Application
- The Corpus Legis Project
- Centre de recherche en droit public (CRDP)
- Royal Melbourne Institute of Technology (RMIT) - SIM SGML Database Technology
- EUROMATH Project
- Mathematical Markup Language (XML)
- SSML: A Speech Synthesis Markup Language
- EuropeMMM
- OpenTag Initiative
- SELA Journals Project (Scholars Press - Emory Library Linked Academy)
- Common Desktop Environment (CDE) Help System

14. Academic Projects and Applications
    - Text Encoding Initiative (TEI)
    - Oxford Text Archive (OTA)
    - University of Virginia Electronic Text Center
    - The Electronic Archive of Early American Fiction (UVA)
    - University of Michigan Humanities Text Initiative (HTI)
    - HTI American Verse Project
    - Making of America (MOA) Project - University of Michigan and Cornell University
    - Model Editions Partnership: Historical Editions in the Digital Age
    - American Memory Project, Library of Congress
    - Brown University Scholarly Technology Group (STG)
    - Midrash Pirqe Rabbi Eliezer Project (Hebrew Union College)
    - University of Cincinnati College of Law, Center for Electronic Text in the Law
    - British National Corpus Project (BNC)
    - Linguistic Data Consortium (LDC)
    - IATH - Piers Plowman Archive
    - IATH - Rossetti Archive
    - Japanese Text Initiative (University of Virginia and the University of Pittsburgh)
    - Center for Electronic Texts in the Humanities (CETH)
    - Electronic Text Centre (ETC), University of New Brunswick Libraries
    - The Canterbury Tales Project
    - University of Pittsburgh Electronic Text Project
    - Georgetown University: Labyrinth Medieval Studies and Peirce Projects
    - Project Opéra (Outils pour les documents électroniques, recherche et applications)

- MULTEXT (Multilingual Text Tools and Corpora) and MULTEXT-EAST
- EAGLES Initiative (Expert Advisory Group for Language Engineering Standards)
- Corpus Encoding Standard (CES)
- European Corpus Initiative (ECI)
- Language Technology Group (LTG), Human Communication Research Centre (HCRC), University of Edinburgh
- Lingua Parallel Concordancing Project
- University of Waterloo Centre for the New OED and Text Research
- University of Waterloo English Department - Technical Writing Course Using SGML
- Indiana University - LETRS
- Indiana University: Victorian Women Writers Project
- Encoded Archival Description (EAD) and Finding Aids
- Berkeley Art Museum/Pacific Film Archive
- Electronic Binding Project (EBIND) - UC Berkeley Digital Page Imaging and SGML
- American Heritage Virtual Archive Project
- Yale University Library EAD Finding Aids Project
- University of Iowa Library, Iowa Women's Archives
- California Heritage Digital Image Access Project
- Harvard/Radcliffe Digital Finding Aids Project (DFAP)
- Research Libraries Group (RLG) FAST Track: Finding Aids SGML Training
- Cheshire II Project and SGML (UC Berkeley)
- UCSD Archives Finding Aids Database (UC, San Diego)
- Consortium for Interchange of Museum Information (CIMI)
- Networking of Literary Archives (NOLA)
- Duke University: Special Collections Library, SGML Finding Aids
- Project ELSA - Electronic Library SGML Applications
- UCLA - InfoUCLA Project
- Representative Poetry Project: University of Toronto
- Stanford University - Academic Information Resources (AIR) and Academic Text Service (ATS)
- Project PREMIUM (PRoduction of Electronic Materials through International and Uniform Methods)
- University College Cork, CURIA Project: Thesaurus Linguarum Hiberniae (TLH)
- Chadwyck-Healey: English Poetry Full-Text Database, Patrologia Latina
- Cambridge University Press Electronic Editions
- The Electronic Arden Shakespeare: Texts and Sources for Shakespeare Studies
- University of North Carolina at Chapel Hill. Documenting The American South: The Southern Experience in 19th Century America
- English-Norwegian Parallel Corpus Project
- ETAP - Uppsala University Parallel Corpus Project
- Electronic Thesis and Dissertation Project
- Princeton University: The Charrette Project
- RIDDLE Project - Rapid Information Display and Dissemination in a Library Environment
- University of Jyväskylä, Finland
- Katholieke Universiteit Leuven - Document Architectures Research Unit
- Electronic Thesaurus Linguae Latinae (TLL)
- University of Helsinki - Document Management Research Group
- Project ELVYN: Implementing an Electronic Version of a Journal

    - HyperLib: Hypertext Interfaces to Library Information Systems
    - Electronic New Testament Manuscript Project
    - Perseus Project
    - University of Bergen (Wittgenstein Archives)
    - The Orlando Project: An Integrated History of Women's Writing in the British Isles
    - Hebrew Syntax Encoding Initiative
    - Archivio Testuale Multimediale (ARTEM) Project
    - Université de Montréal (EBSI-GRDS)
    - GATE (General Architecture for Text Engineering) Project [Sheffield]
    - The LEGEBIDUNA Project (Universidad de Deusto)
    - SETIS: Electronic Texts at the University of Sydney Library
    - Oxford Humanities Computing Services
    - Falch Research Projects
15. Government and Industry Applications
    - The Department of Energy (DOE) Office of Scientific and Technical Information (OSTI)
    - IRS (United States Internal Revenue Service)
    - National Library of Medicine (NLM)
    - Library of Congress - Encoded Archival Description (EAD) - Finding Aid Pilot Project
    - SAE J2008 (and T2008) Automotive and Truck Standard
    - SEC EDGAR Database
    - FOSI: Formatted Output Specification Instances
    - IETM (Interactive Electronic Technical Manuals)
    - TCIF/IPI (Telecommunications Industry Forum Information Products Interchange)
    - Pinnacles Group
    - ATA (Air Transport Association) DTDs
    - Railroad Industry Forum: Electronic Parts Catalog Exchange Standard (EPCES)
    - CALS: Continuous Acquisition and Lifecycle Support
    - USAF SGML Repository
    - MIL-STD-2167A: FOSIs and DTDs related to MIL-STD-2167A
    - MIL-M-28001B SGML documents (Navy site)
    - Army SGML Registry and Library (ASRL)
    - Government Information Finder Technology - GIFT (Canada)
16. SGML (ISO 8879) Special Topics
    - ISO 8879 Grammar
    - Architectural Forms and SGML Architectures
    - Groves and Grove Plans in SGML/DSSSL/HyTime
    - SGML: Character Sets and Multilingual Text (including ERCS)
    - SGML Conformance
    - ISO 8879 DTDs
    - ISO 8879 Entity Sets and Entity Management
    - ISO 8979 Revision/Amendment
    - SGML (and HTML) Stylesheets
    - SGML and HTML
    - SGML and TeX
    - SGML and Math
17. Standards Related to SGML
    - ISO Working Group 8 [ISO/IEC JTC1/SC18/WG8]: Document Description and Processing Languages

- DSSSL (Document Style Semantics and Specification Language)
- XML - Extensible Markup Language - the [former URL]
- ISO-HTML, ISO Hypertext Markup Language
- ISO/IEC TR 9573:1988. Techniques for Using Standard Generalized Markup Language (SGML)
- ISO/IEC 9070:1991 Registration Procedures for Public Text Owner Identifiers
- SPDL (Standard Page Description Language)
- ODA (Open Document Architecture)
- SGML and STEP (ISO 10303 Standard for the Exchange of Product Data)
- Other Standards

18. Contact Addresses
19. Miscellaneous SGML Links

Access by Mail

Users not having direct Internet access (*e.g.*, perhaps in developing countries) can obtain some of the information from the SGML Web Page via a mail-based WebMail server at University College, Cork. Restrictions currently require that these be the smaller documents (less than 128K) in 7-bit "text" format: xxx.txt, xxx.html, xxx.htm. Send the message "get [URL]" with no quotes via email to webmail@www.ucc.ie. The command 'get' returns the HTML document, while 'send' returns a plain text version without markup; 'help' returns a help file. See the WebMail information page at "http://www.ucc.ie/webmail/" for current information.

Additions and Comments Solicited

The author solicits additions, corrections, and comments related to the *SGML Web Page*. This invitation extends particularly to researchers who have "work in progress." Research of this nature is of vital interest to the SGML community *because it is current*: technical reports, RFCs, research memoranda, draft working papers, documents submitted for publication or in press, white papers, technical resolutions, etc. Many of these works are inadequately indexed as paper documents within work-flow information channels used by the library science community, or are only belatedly indexed. Your research deserves to be publicized early -- while it is most relevant as a catalyst for other good ideas. Please send communiques with full bibliographic information (URLs if possible) by electronic or postal mail:

Robin Cover
SIL Academic Computing
7500 W. Camp Wisdom Rd
Dallas, TX 75236
Tel: +1 (972) 708-7346 (w), +1 (972) 296-1783 (h)
FAX: +1 (972) 708-7380
Email: robin@acadcomp.sil.org