

GRAND COMPUTERS Genealogy SIG

www.GRANDCOMPUTERS.ORG

Creating Your Own Web Site

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Internet vs. World Wide Web (WWW)

- Internet – public domain of network of computers
 - They can interchange data in one of many different ways
 - Developed for sharing files across large computers at Universities & Gov Labs
 - DoD started it in 1969
 - Contrary to Al Gore's claim that he started it in the 90s
- WWW – Subset of Internet that can be accessed using a Web Browser
 - Sharing of data is thru a browser
 - Browser goes to address (Uniform Resource Locator - URL)
 - Web site sends files to your computer for display in browser
- Early model was “free sharing” of data



Web Server

- **Basically just a computer**
 - Needs to be a fast computer
 - Needs “ A Geek” to manage & run it
 - Needs fast / permanent connection to Internet
 - Needs protection from Hackers
- **Big Web sites use “Server Farms”**
 - Requires lots of Geeks to “feed & water” 24 hrs / 7 days a week (24/7)
- **You should probably “out-source” your web hosting & leave that work to the experts**
 - Hosting is fairly cheap - \$10-50/mo



Domain Name

- Every Web server has a unique number that identifies it
 - Internet Protocol (IP) address looks like
 - 192.41.2.10
 - URL is text name for IP and always starts with http://
 - Example Domain Names:
 - <http://www.aol.com>
 - <http://www.cox.net>
 - <http://www.grandcomputers.org>

Domain Names (Continued)

- Domain names typically have two parts, separated by a dot (“.”)
 - Aol.com, cox.net, chapman.com
- Top level domain – what appears to right of dot (.net, .com)
 - .com – commercial
 - .net – services to Internet
 - .org – non-profit organizations
 - .edu – Education institutes
 - .gov – government agencies
 - .mil – military
 - .de is Germany, .fr is France, .ru is Russia, .ch is Switzerland
- Domain names cost about \$9-30/year and must be registered
 - A business should have their own Domain name (chapman.com)
 - Your domain name/web site must be hosted on a Web server
 - Most hosting services offer an e-mail service also

– chapy@chapman.com



Web Hosting

- Lots of consumer-oriented web outfits
 - AOL, Geocities, Cox, etc
 - They provide a very basic web site for personal web pages using their Domain
- Lots of companies offer web hosting at a very low price
 - GoDaddy.com –
 - Hosting: \$3.50/mo to \$12/mo with 500-2000 e-mail addresses
 - Domain name - \$8.95 / yr
- Your web pages must be created in HTML



HyperText Markup Language (HTML)

- HTML is a page-description language
 - Not a programming language, but a mark-up language
 - Lets you create pages of text with various types of formatting with graphics and hyperlinks
 - It is a spaghetti type language like COBOL
- HTML / web site software
 - CoffeeCup HTML Editor 2007 - \$49
 - Homesite 5.5 - \$99
 - MS FrontPage 2003 - \$200-250
 - Net Objects Fusion 9 - \$195
 - Macromedia Dreamweaver 8 - \$399



Example HTML Document

`<html>` -- **Begin Tag**

`<body>` -- **Begin Tag**

`<!--This comment will not be displayed-->`

`<h1>`This is heading 1`</h1>`

The content of the body element is displayed
in your browser.

`<p>`This is a paragraph.`</p>`

`</body>` -- **End Tag**

`</html>` -- **End Tag**

Web Site Example

- Normally, a web site is created for a
 - Business
 - Family information
- The following slides will talk about building a Genealogy Web site for family information



Process for Creating Genealogy Web Site

- Starts with your Family Genealogy database
- Create html code for World Wide Web (WWW)
 - Current genealogy software does this
 - There are a number of programs to take a GEDCOM file & create a web site
- Must have a Domain to publish web information
 - e.g., www.chapman.com, www.yahoo.com
 - Use others or pay for your own
- Load (File transfer) your html code to the Web server
 - Home page file normally called “index.htm”
- View your site using a web browser



Process for Creating Genealogy Web Site



www.Chapman.com



Process for Creating Genealogy Web Site Using GEDCOM File



www.Ancestry.com



Find Space on a Web Server

- Your commercial online service or Internet Service Provider (ISP)
 - May offer a free web page
- Your genealogy software manufacturer
 - Normally generates web pages for you
 - May offer a web site for your information
- Free Web pages
 - There are a number of places



Free Web Pages

(<http://www.cyndislist.com/construc.htm#Find>)

- **Anglefire** - <http://angelfire.lycos.com/>
- **FortuneCity** - <http://www.fortunecity.com/index.shtml>
- **Rootweb** - <http://freepages.genealogy.rootsweb.com/>
- **Freeservers** - <http://www.freeservers.com/>
- **GenCircles** - <http://www.gencircles.com/>
- **USGenealogy.net** - <http://www.usgenealogy.net/>
- **Yahoo Geocities** - <http://geocities.yahoo.com/home/>



Fee-Based Web Page Hosting

- **MyFamily.com** - <http://www.myfamily.com/>
- **RootsWeb** - <http://www.rootsweb.com/>
 - <http://accounts.rootsweb.com>
- **GenCircles** - <http://www.gencircles.com/>
- There are 1000s of sites that offer web hosting



Web Servers for Family Trees











Building the Family Tree

A host of genealogy Web sites let users research ancestors and build family profiles. Here are some of the offerings:

Site	Price	Description
Geni.com	Free	Family members work together to build their family trees and create profiles.
Ancestry.com	\$12.95 to \$34.95 per month	Includes more than 5 billion names and 23,000 searchable databases including worldwide census reports and marriage certificates. Starting to open access to some databases for free.
MyFamily.com	\$29.95 to \$109.95 per year	Creates Web sites for users to keep in touch with family and friends. Includes features such as message boards, calendars, photo albums and chat. Connected with Ancestry.com.
MyHeritage.com	Free to \$9.95 per month	Offers technology to create family Web sites, build family trees and research genealogical records. Also offers face-recognition technology that can be used to identify people and track lineage.
OneGreatFamily.com	\$6.25 to \$14.95 per month	A genealogy site that matches a user's family tree against the "OneGreatFamily Tree" shared database to help unearth new family connections.
Zoof.com	Free	Recently launched site that lets users build an interactive family tree in 35 different languages. Still in beta tests.

Source: WSJ research

Web Servers

- [Do It Yourself Website](#) 
Build from scratch, redesign, or enhance. Free website address.
www.Web.com
- [EarthLink Web Hosting](#) 
Free Domain Name for 2 Years, plus Free Setup and First Month Free!
www.EarthLink.biz/800-231-8248
- [Building web sites](#) 
Design, make & create your own website in minutes. Free Trial!
www.homestead.com
- [Build Website with Yahoo!](#) 
\$7.77/mo Limited Time Only. Free Domain, Email, & 24x7 Support.
webhosting.yahoo.com
- [\\$6.95 Domain Name - Save](#) 
Why pay More? Compare Us Free Hosting w/Site Builder & more!
GoDaddy.com
- [Web Design Price Quotes](#) 
Get Up To 5 Online Quotes Instantly Compare Costs & Save. No Obligation
www.VendorSeek.com
- [Arizona Internet Hosting](#) 
T1/T3, Co-location, Frame Relay Virtual Hosting, VOIP, Web design
www.extremezone.com
- [Domains - Low Price Offer](#) 
Save on the most popular Domains! Priced at \$15 ea/yr Lmtd. time only
NetworkSolutions.com
- [\\$2.95 Domain Names](#) 
Register your Domain Name for \$2.95 Or Free w/ Annual Hosting
www.hostmysite.com
- [Build a Website](#) 
Build a Professional Looking Site For Your Home or Business
www.WebPiston.com

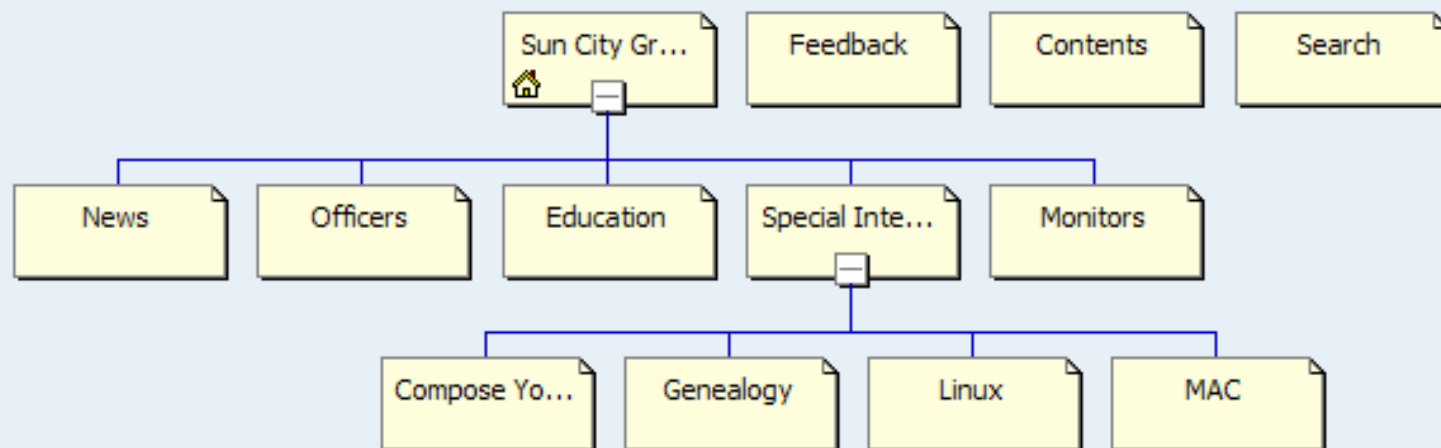
www.GoDaddy.com
Is one of the
best low priced
web hosting companies



Plan the Layout, Format, Content (Layout)

- The first/top page of you web site is called the “Home Page”
 - Eye-catching, clear title, description
- Supporting pages – follow a logical path in layout – normally a tree structure
- Split web site into simple separate pages
- Use graphics sparingly

Example Web Page Layout (Tree Structure)



Links / HyperLinks (Call to file)

Genealogical Standards & Guidelines

(<http://www.ngsgenealogy.org/comstandweb.cfm>)

- **Publishing on the Internet (Web sites)**
 - Similar to publishing a book
 - Well documented sources
 - Copyright information
 - Link to other sites
 - Provide your contact information
 - Use readable font sizes / pictures
 - Update your site periodically
 - Use footers with web title, author contact information



Plan the Layout, Format, Content (Format)

- May want to avoid latest web technology
 - Frames, animated graphics, Java, etc
- Design web pages for all Browsers
- Consider monitor sizes & fonts
- Use validation tools for HTML code
- Keep graphics to a minimum



Plan the Layout, Format, Content (Content)

- List of names
- Ancestor report
- Descendant report
- Most genealogy software produces Web pages
- GEDCOM to Web Page conversion
 - GED2HTML (<http://www.starkeffect.com/ged2html/>)
 - Ged2Web (<http://www.wtoram.co.uk/ged2web/ged2web.htm>)
 - GED2WWW (<http://www.lesandchris.com/ged2www/>)
 - GED-GEN (<http://home.hiwaay.net/~mvoisin/gedgen.html>)
 - GedHTree (<http://www.gedhtree.com/gedhtree.htm>)
 - phpGedView (<http://phpgedview.sourceforge.net/>)
 - RootsView (<http://www.natural-software.com/rootsview.htm>)



Plan the Layout, Format, Content (Content)

- **Privacy Issues**
 - **Never publish living people information**
 - **GED2GO** (<http://www.geocities.com/yosemite/trails/4849/evb/>)
 - **Deletes living people from GEDCOM**
 - **GEDmark** (<http://www.progenysoftware.com/gedmark.html>)
 - **A source is attached to every person in GEDCOM**
 - **you as author**



Ways to Create Your Web Pages

- Hire someone to create the pages for you
- Use a pre-packaged software program
 - MS FrontPage
 - Dreamweaver & Fireworks
 - Fusion
 - CoffeeCup
- Use an on-line page generator
- Learn to program in HTML – last choice



Upload the Pages to the Web Server

- CuteFTP
- FTP Explorer
- Ipswitch – WS FTP



Advertise Your New Site

- **Genealogy mailing lists & newsgroups**
- **Genealogy web indexes & search engines**
- **Genealogy surname/GEDCOM database registration sites**
- **Search engines**



Summary

- Web sites are not for the light hearted
- Keep it simple
- Use your Genealogy S/W to create your web site
- Use your GEDCOM file to upload to a website
 - [Ancestry.com](https://www.ancestry.com)
 - [GenCircles.com](https://www.gencircles.com)
 - [Rootsweb.com](https://www.rootsweb.com)

