

Guidelines for Resources to be Hosted on the CHIN Site

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The Institution shall develop the product in such a manner that it can be implemented in the following environment:

Server: UNIX – Sun Solaris 2.6

Webserver: Apache 1.3.17

- HTML pages require **html** extension

- CGI scripts require **.cgi** extension

CGI scripts can be located anywhere in the directory structure of the project.

- PHP 4 is enabled.

The PHP processor is invoked by a page with the extension: **.php3**

(.php3 extension has been retained for compatibility with version 3)

PHP scripts can be located anywhere in the directory structure of the project.

PHP access to mySQL is enabled.

- PERL 5.005_03

Use #!

/home/webzone/Personal_Software/perl5/bin/perl in cgi scripts

use strict; is required.

Most standard modules are available, for example, CGI, DBI.

- SSI (Server Side Includes)

any html page (.html extension) with the execute bit set will be parsed for SSI.

Database: - mySQL 3.22.32

Access to the mySQL DBMS is available upon request.

UNIX Server Editors: vi, emacs and pico

File and Directory Structure Specifications

The developer is responsible for the creation and maintenance of the file and directory structure in the user account. Separate directory structures must be created for each

language. Directory names should have the first character in upper case with the remaining characters in lower case. File names must be all lower case characters and must use standard file name extensions such as .html (**not** .htm) for HTML pages and .gif or .jpg for image files. The CHIN UNIX system is case sensitive, eg. xxx.gif, xxx.html **not:** xxx.GIF, xxx.HTML File names should consist of letters and numbers only and not include symbols, special characters, or a blank space in the name.

All file and image links used within the Web product must be assigned as relative links, eg: ../../sample.html. File names using hard coded directory names and paths should be avoided. Links to contents outside of the resource must use fully qualified URLs, eg. <http://www.xyz.ca/index.html>

Separate graphics or image directories should be created for the product. Image files shared across directories (more than one version of resource for example two or more languages) must be placed in a common image directory to avoid the duplication of image files.

