Lecture

Customization

Interface in English

Interface in Chinese

Interface language macros

english.dm

```
#----------------------------------------
# text macros
#----------------------------------------

_textimageabout_ {About page}
_textimagehelp_ {Help page}
_textimagepref_ {Preferences page}
_textimagegreenstone_ {Greenstone Digital Library Software}

_textimagesearch_ {Search for specific terms}
_textimageCreator_ {Browse alphabetical list of authors}
_textimageTitle_ {Browse alphabetical list of titles}
_textmatches_ {Matches }
_textbeginsearch_ {Begin Search}

_texticonsmalltext_ {View this section of the text}
_texticondetach_ {Open this page in a new window}
_texticonexpandtoc_ {Expand table of contents}
_texticonexpandtext_ {Display all text}
_texticonhighlight_ {Highlight search terms}

_textlanguage_ {Interface language: }
_textsimplemode_ {simple query mode}
_textadvancedmode_ {advanced query mode (allows boolean searching u
```

---

chinese.dm

```
#----------------------------------------
# text macros
#----------------------------------------

_textimageabout_ [l=zh] {主页}
_textimagehelp_ [l=zh] {帮助页}
_textimagepref_ [l=zh] {选项页}
_textimagegreenstone_ [l=zh] {绿石数字化图书馆软件}

_textimagesearch_ [l=zh] {特定范围检索}
_textimageCreator_ [l=zh] {按作者名字的阿拉伯字母顺序浏览 }
_textimageTitle_ [l=zh] {按题名的阿拉伯字母顺序浏览}
_textmatches_ [l=zh] {匹配}
_textbeginsearch_ [l=zh] {开始查询}

_texticonsmalltext_ [l=zh] { 浏览这部份文本}
_texticondetach_ [l=zh] { 打开一个新的窗口显示本页}
_texticonexpandtoc_ [l=zh] { 扩展书录表}
_texticonexpandtext_ [l=zh] { 显示所有文本}
_texticonhighlight_ [l=zh] { 查询项以粗体显示}

_textlanguage_ [l=zh] {界面语言: }
_textsimplemode_ [l=zh] {简单查询方式}
_textadvancedmode_ [l=zh] {高级查询方式(可以使用 !、&、|和括号来布尔查询)}
```

Collection-specific macro

Collection-specific style

```
Greenstone Librarian Interface v2.74  Mode: Library Systems Specialist  Collection: x3 (x3)
File    Edit                                                                Help

Download   Gather   Enrich   Design   Create   Format

General                Collection Specific Macros              Help for this screen
Search
Format Features        package Style
Translate Text
Cross-Collection Search   _footer_ {
Collection Specific Macros     _pagefooterextra_ <center><small>
                               Copyright 2006 My Digital Library
                               </small></center> _endspacer__htmlfooter_
                          }

                          _collectionspecificstyle_ {
                          <style type="text/css">
                            /*don't use a background image; set background color */
                               body.bgimage \{ background-image: none; \}
                               body \{ background: pink; \}
                            /* don't use a background image for the navigation bar; set its color */
                               div.navbar \{ background-image: none; background-color: red; \}
                            /* same with the divider bars */
                               div.divbar \{ background-image: none; background-color: red; \}
                          </style>
                          }

Preview Collection          Undo                    Redo
```


Collection-specific stylesheet

```
Greenstone Librarian Interface v2.74  Mode: Library Systems Specialist  Collection: x3 (x3)
File    Edit                                                                Help

Download   Gather   Enrich   Design   Create   Format

General                Collection Specific Macros              Help for this screen
Search
Format Features        package Style
Translate Text
Cross-Collection Search   _footer_ {
Collection Specific Macros     _pagefooterextra_ <center><small>
                               Copyright 2006 My Digital Library
                               </small></center> _endspacer__htmlfooter_
                          }

                          _cssheader_ {
                          <link rel="stylesheet" href="_httpcimages_/style-blue.css" type="text/css"
                            title="Blue Style" charset="UTF-8">
                          }

Preview Collection          Undo                    Redo
```


style_blue.css

```
body {
  background: #80a0fb; /* light blue */
  color: #000000;
}

a:link { color: #006666; }

a:hover { color: #000066; }

a:visited { color: #666633; }

img.link { border: 0; }

/* for unesco/human info etc logos on home page */
img.logo {
  border: 0;
  float: right;
  margin-left: 10px;
}

div.v_list {
  padding: 10px;
  font-size: smaller;
}
/* specific columns, named in the format string */
div.vlist_entry {
  clear: both; /* comes after any previous floating divs */
  border-bottom: 1px grey solid;
  margin-top: 10px;
  margin-bottom: 5px;
}
```

```
div.vlist_entry div {
  width: 15%;
  padding-left: 1%;
  padding-right: 1%;
  float: left;
}

div.vlist_entry div.descr { width: 45% }
#banner {
  margin-bottom: 5px;
}
/* this div contains bannerlinks and bannerimage paras */
div.pageinfo {
  float: right;
  text-align: right;
}
/* home, help, preferences links */
p.bannerlinks {
  font-family: arial;
  font-size: 10pt;
  font-weight: bold;
}
/* the image based on the page action */
p.bannerimage {
  display: none;
}
/* the image for the collection, shown in the banner */
div.collectimage {
  text-align: left;
  float: left;
  height: 100%;
}
```

Personalizing your home page

C:\Program Files\gsdl\etc\main.cfg   change *home.dm* to *yourhome.dm*

```
Netscape
File  Edit  View  Go  Window  Help

                                    HOME HELP PREFERENCES

         Your own Greenstone home page

              Search page for the demo collection    Click here
              "About" page for the demo collection   Click here
              Preferences page for the demo collection Click here
              Home page                              Click here
              Help page                              Click here
              Administration page                    Click here
              The Collector                          Click here

         http://localhost/gsdl/cgi-bin/library?e=p-00-00--------00-0-0prompt-1Document---101l--1-en-50---20-home-
```

yourhome.dm

```
package home
  _content_ {
<h2>Your own Greenstone home page</h2>
<ul>
<table>
<tr valign=top><td>Search page for the demo collection<br></td>
     <td><a href="_httpquery_&c=demo">Click here</a></td></tr>

<tr><td>"About" page for the demo collection</td>
     <td><a href="_httppageabout_&c=demo">Click here</a></td></tr>

<tr><td>Preferences page for the demo collection</td>
     <td><a href="_httppagepref_&c=demo">Click here</a></td></tr>

<tr><td>Home page</td>
     <td><a href="_httppagehome_">Click here</a></td></tr>

<tr><td>Help page</td>
     <td><a href="_httppagehelp_">Click here</a></td></tr>

<tr><td>Administration page</td>
     <td><a href="_httppagestatus_">Click here</a></td></tr>

<tr><td>The Collector</td>
     <td><a href="_httppagecollector_">Click here</a></td></tr>

</table>
</ul>
}
```

about.dm

```
Netscape: Project Gutenberg Collection
File  Edit  View  Go  Communicator                      Help
Bookmarks  Go To: http://www.nzdl.org/cgi-bin/library?l=about-pkg=about

                                         HOME  HELP  PREFERENCES
   PROJECT
   GUTENBERG                              about
   "Fine Literature Digitally Re-Published"

   search           titles a-z    authors a-z

   Search for   titles   which contains  none  of the words
   [ Start ]                                      [ Begin Search ]

   About this collection

   This collection is based on documents produced by Project Gutenberg. Founded by Michael
   Hart in 1971 with the aim of distributing a million (100,000,000) electronic literature files by the
   year 2001, Project Gutenberg has evolved into an on-going project to produce and distribute
   free electronic editions of literature.

   The literature carried by Project Gutenberg is typically not of copyright and include many
   historically important documents (especially American ones) and much 'fine literature'
   (Shakespeare, Dickens, etc). Project Gutenberg unashamedly aims at the low end of the
   quality-price spectrum, aiming to publish as many titles as possible for as little price rather
   than high-quality expensive editions.

   Project Gutenberg is based at on the web at: http://promo.net/pg/ and physically at:

   Project Gutenberg,
   P. O. Box 2782
   Champaign, IL 61825
```

❖ **can contain conditional statements**
   – **_If_ ...**
❖ **can take arguments**
   – **a=p, l=de etc.**

```
package about

#######################
# about page content
#######################

_pagetitle_ {_collectionname_}

_content_ {
<center>
_navigationbar_
</center>
_query:queryform_
<p>_iconblankbar_
<p>_textabout_
_textsubcollections_
<h3>_help:textsimplehelpheading_</h3>
_help:simplehelp_
}

_textabout_ {
<h3>_textabcol_</h3>
_Global:collectionextra_
}
```

Macro names begin and end with underscore

Content defined in curly brackets

Content is plain text, HTML, other macros, Javascript, applet links