Creating custom themes in AtoM

An introduction to relevant theming files, registering a plugin, home page customizations, and also give devs a chance to create basic themes.
Open Collections

Explore 205,932 unique digital objects.

UBC Library's Open Collections include digital photos, books, newspapers, maps, videos, theses and more. These publicly-accessible collections are constantly growing and reflect the research interests of the UBC community and beyond.

Elevate your research game with the Open Collections Research API! Run powerful queries, perform advanced analysis, and build custom views, apps, and widgets with full access to the Open Collections' metadata and transcripts.
Discover Mennonite photographs from around the world!

The Mennonite Archival Image Database (MAID) contains photographs of Mennonite life from the collections of our Archival Partners.

More about MAID

How to order photographs
News about MAID
Who are the Mennonites?

Our generous supporters
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Personal information collection policy

MAID contains the records for over 80,000 photographs. Scanning of images is not yet complete. If you see a photograph description without an image and you would like to see that image, please contact the archives ("repository") that supplied the description. Our archives will do our best to make your scanning request a priority.

2017 Visionary Supporters
"Home Economics in British Columbia." Typescript
GR-2562 · Series · 1941
Typescript of article by Home Economics Branch director, Jesse L. McLenaghan, giving brief survey of the development of Home Economics in B.C. schools from 1885 to 1941. The article was intended for publication in "The School".
British Columbia, Home Economics Branch

GR-2563 · Series · ca. 1941
A copy of this 47 pp. typescript by Elizabeth Berry Lightfoot and Margaret Maynard also be found in GR-1030.
British Columbia, Home Economics Branch

100 Mile House Historical Society oral history collection
Basic Edits

Some things are easy to change without touching the theme:

1. Site title & site description
   a. Updated in Admin - Settings - Site info

2. Logo
   a. Replace atom/images/logo.png

3. Application Icon
   a. Replace atom/favicon.ico

4. Website meta tags
   a. atom/apps/qubit/config/view.yml

5. Static Pages
   a. Admin - Static pages

6. User Interface Labels
   a. Admin - Settings - User Interface Labels

7. Default standards templates
   a. Admin - Settings - Default templates

8. Menus
   a. Admin - Menus
Creating a new theme

https://github.com/sbreker/arDemoThemePlugin

AtOM comes with two built in themes

- Dominion
- Archives Canada
- Dominion is default

Use Dominion as a base or copy Dominion

- Copy the whole thing
- Reference the Dominion files from our theme

Uses Less - ‘make’ to generate css file

Today we will create and customize a new theme

https://github.com/sbreker/arDemoThemePlugin

Resources:

- Admin manual theming section
- Corcovado theme in github
  - https://github.com/artefactual-labs/atom-theme-corcovado
Create the basic structure + ‘git init’

https://github.com/sbreker/arDemoThemePlugin

Option 1: Create your own github repo:

$ cd ~/atom/plugins
$ mkdir arDemoThemePlugin
$ git init
$ echo "# Demo theme" > README.md
$ git add README.md
$ git commit -m "Initial commit"
$ git remote add origin
  git@github.com:sbreker/arDemoThemePlugin.git
$ git push -u origin master

Option 2: Clone sbreker/arDemoThemePlugin.git:

$ cd ~/atom/plugins
$ git clone https://github.com/sbreker/arDemoThemePlugin.git

We want your AtoM git repo to ignore this theme:

$ cd ~/atom/plugins
$ touch .gitignore

Edit .gitignore and add the lines:

```
.gitignore
arDemoThemePlugin/
```
Create config class: Register theme

https://github.com/sbreker/arDemoThemePlugin

$ cd ~/atom/plugins/arDemoThemePlugin
$ mkdir config; cd config

Create and edit a new file:
➔ arDemoThemePluginConfiguration.class.php

Copy contents from github: sbreker/arDemoThemePlugin
Save the file.

Once file is in place:
- Login to your AtoM instance as user ‘demo@example.com’
- Go to Admin -> themes
- You will see your theme!
- Don’t select it yet!!! No CSS present yet!

Quickly review the contents...
Create Makefile:
$ cd ~/atom/plugins/arDemoThemePlugin

Create main.less:
$ mkdir css

1. Login to your AtoM instance as demo
2. Go to Admin -> themes
3. Activate your theme & refresh
4. Any changes???
Edit main.less

https://github.com/sbreker/arDemoThemePlugin

Uncomment all the “Local Tweaks” (ignore the footer section below that!)

$ make

Go back to AtoM and refresh browser
Might have to clear cache!

Play around with it:

- Look in Variables.less in arDominionPlugin
- $ mkdir arDemoThemePlugin/css/less
- $ cp variables.less from Dominion to DemoTheme
- Update path to variables.less in DemoTheme class file
- Move definition of ‘green’ to variables.less
- Add some new colour definitions
- Update some colours in main.less
- $ make and view your handiwork!

TIPS:

1. Use Chrome’s Developer Tools to view the css properties on various items on the pages and override.
2. Don’t forget to ‘make’ after each change
Override a module template
Remove ‘browse by’ block

Let’s drop ‘Browse by’ sidebar item….

1. Find static page homeSuccess.php
   a. In apps/qubit/modules/staticpage/templates

2. Look at dir structure

3. Build dir structure under DemoTheme
   a. arDemoThemePlugin/modules/staticpage/templates

4. Copy homeSuccess.php to new DemoTheme templates dir

5. Investigate homeSuccess.php

6. Disable ‘Browse by’ menu

7. Did it work?

https://github.com/sbreker/arDemoThemePlugin
Winnipeg in Focus: Your Key to Searching the Archives

Winnipeg in Focus is a new website that serves as a database for archival descriptions and digital collections at the City of Winnipeg Archives. It allows users to search and browse holdings at the City of Winnipeg Archives and view digital reproductions of photographs and other archival records.

This website includes only a fraction of our holdings. Content will be added as resources allow. Researchers experiencing difficulties locating archival records are encouraged to contact the Archives at 204-986-5325 or archives@winnipeg.ca.

View Our Collection for a summary of holdings at the City of Winnipeg Archives.

Photo: Winnipeg looking west from the tower of City Hall, September 5, 1900. View description for more information.
Let's drop the logo from the Arch Descr sidebar

1. Find infoObj template component _contextmenu.php
   a. In `apps/qubit/modules/informationobject/templates`
2. Look at dir structure
3. Build dir structure under DemoTheme modules
   a. `arDemoThemePlugin/modules/informationobject/templates`
4. Copy _contextmenu.php to new DemoTheme templates dir
5. Investigate _contextmenu.php
6. Disable logo component
7. Success?

https://github.com/sbreker/arDemoThemePlugin
Fonds 15 - Greater Winnipeg Water District fonds

Physical description - This is a mandatory element.
Statement of coordinates (cartographic) - This is a mandatory element for cartographic material.
Statement of projection (cartographic) - This is a mandatory element for cartographic material.
Statement of scale (cartographic) - This is a mandatory element for cartographic material.

Title and statement of responsibility area

Title proper
Greater Winnipeg Water District fonds

General material designation
- Textual record
- Graphic material
- Cartographic material

Level of description
Fonds

Repository
City of Winnipeg Archives

Reference code
CA COWA 15

Dates of creation area

Date(s)
1912 - 1962 (Creation)

Creator
Greater Winnipeg Water District

Archival description area

Name of creator
Greater Winnipeg Water District
Add a footer

https://github.com/sbreker/arDemoThemePlugin

Let’s add a footer to the theme

- A good place for social media icons, contact info, external links

1. We are going to override the standard empty footer:
   a. Default located here: apps/qubit/templates/_footer.php

2. Create folder ‘templates’ under plugins/arDemoThemePlugin

3. Create the file: _footer.php
   a. Copy contents from github:
      sbreker/arDemoThemePlugin/templates/_footerrename.php

4. Refresh AtoM (may need to clear browser cache)
5. How does it look?
6. Add some styling
   a. Search for commented ‘footer’ block in css/main.less
7. ‘make’
8. What has changed?

Investigate contents of _footer.php

Where is image coming from?

Download it from github and add to theme:

- sbreker/arDemoThemePlugin/images/atom-logo.png
Reverse the 2 column layout

https://github.com/sbreker/arDemoThemePlugin

Another common request:

- Display the sidebar on the right-hand side of the content

1. Let's override the standard 2 column layout template found here:
   a. In apps/qubit/templates/layout_2col.php
2. Copy layout_2col.php to new DemoTheme templates dir
   a. Place file in templates folder:
      b. arDemoThemePlugin/templates/layout_2col.php
3. Investigate new file layout_2col.php
4. Search for the text “div class="row"
5. Below this are two div blocks
   a. “span3” and “span9”
   b. Move the 5 lines making up ‘span3’ below the span9 block
6. Save your changes & refresh AtoM
7. Success?

Investigate contents of layout_2col.php

Note other layout types.

Does the swap affect Arch Descr detail view?
Welcome

This is the default homepage for AtoM. AtoM is a fully web based archival description application that is based on International Council on Archives (ICA) standards. AtoM is an acronym for Access to Memory. The ICA and its project collaborators are making this application available as open source software to provide archival institutions with a free and easy to use option for putting their archival collections online. See the about page to learn more about the AtoM project. See the online documentation to learn more about using the software or press the browse button on the right to view some sample data.
Adding logo.png & favicon.ico

https://github.com/sbreker/arDemoThemePlugin

You will want to add your images to the theme
Replacing logo etc in atom/images will work but will impact ALL themes

1. $ cd ~/atom/plugins/arDemoThemePlugin
2. $ mkdir images; cd images
3. Add files here!
   a. Logo.png
   b. Favicon.ico
4. Any images missing? Check Dominion’s images folder

Other ideas:
- A new background file
- Image for top right of header
Override a module template

Modify user menu

Let’s customize the User Menu

1. Find menu module template component _userMenu.php
2. Look at dir structure
3. Build dir structure under DemoTheme
4. arDemoThemePlugin/modules/menu/templates
5. Copy _usermenu.php to new DemoTheme templates dir
6. Investigate _usermenu.php
7. Add a new menu item for **Logged In** users!

Bonus Points….

Let’s hide User Menu completely for unauthenticated users!!

- Could implement by deleting code block in _userMenu.php but DON’T :)
- See apps/qubit/templates/_header.php
- Customize _header.php using is_authenticated() from _usermenu.php

https://github.com/sbreker/arDemoThemePlugin
What's next?

Ok - sky is the limit! Things to try:

● Change the font
● Add new images & refer from templates
● Make the 12col layout float (e.g. Winnipeg)
● Modify header.less - copy to css/less
● Modify header: different height, contents, layout, etc
● Override apps/qubit/template files
● Create a brand new module within the theme
● Photo Carousel!

https://github.com/sbreker/arDemoThemePlugin
Q&A

www.accesstomemory.org

www.artefactual.com