

Demonstrate theming by adding static files and modifying template snippets [1]

Create a folder

```
mkdir /etc/ckan/default/public
```

Adding a directory to CKAN's extra_public_paths config setting [2]

```
vi /etc/ckan/default/ckan.ini  
extra_public_paths = /etc/ckan/default/public
```

Prepare a featured image

Create a featured image (420x220) use [3][4] as materials.
upload the featured image to the server at /etc/ckan/default/public

modifying template snippets[1]

```
cp ~/ckan/lib/default/src/ckan/ckan/templates/home/snippets/promoted.html \  
~/ckan/lib/default/src/ckan/ckan/templates/home/snippets/promoted.html.old
```

```
vi ~/ckan/lib/default/src/ckan/ckan/templates/home/snippets/promoted.html  
modify line 22  
  
delete line 19  
<h2 class="media-heading">{% block home_image_caption %}{{ _("This is a featured section") }}{%  
endblock %}</h2>
```

Set the favicon

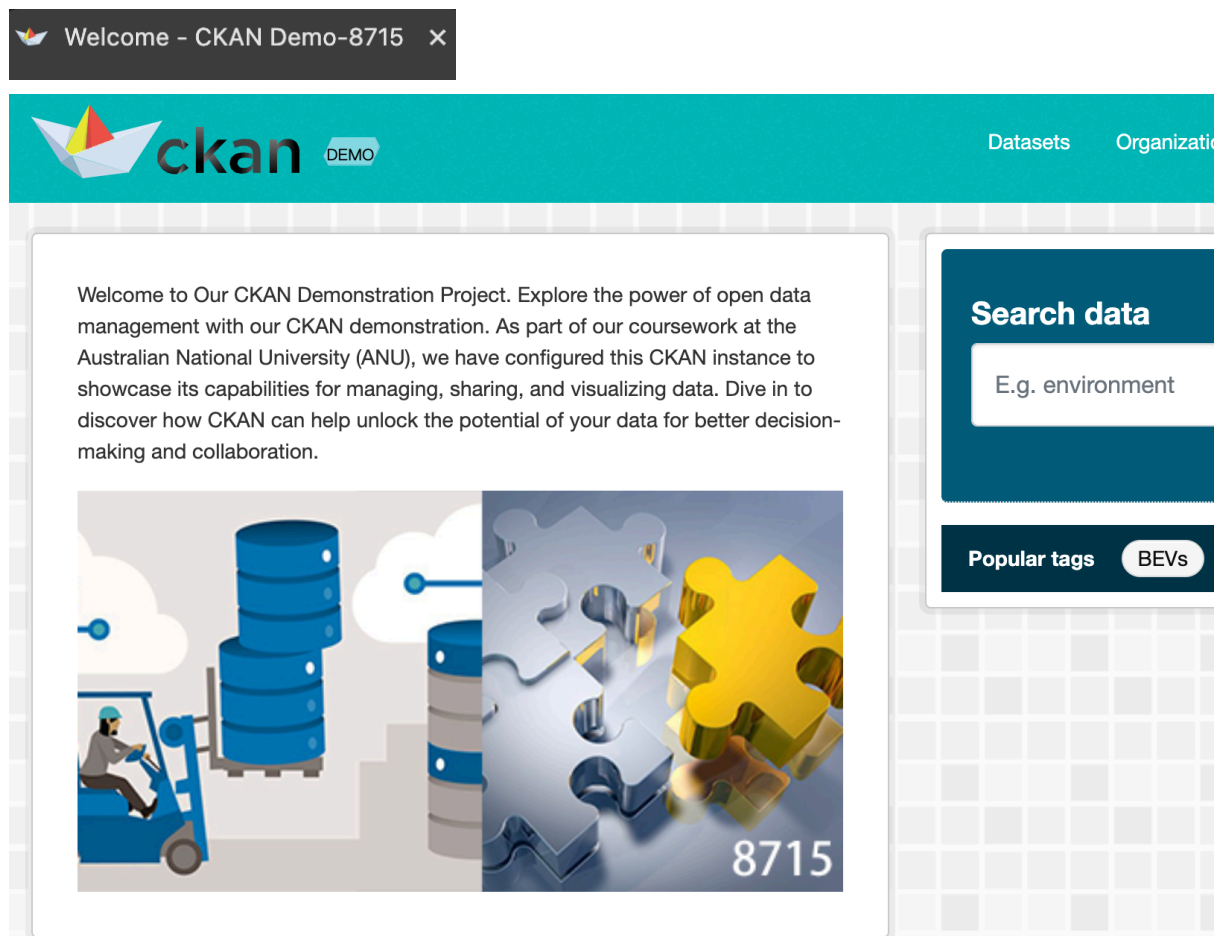
Create a favicon use [5] as material.
upload the favicon to the server at /etc/ckan/default/public

```
vi /etc/ckan/default/ckan.ini  
ckan.favicon = /favicon.svg
```

Restart the ckan system

```
sudo supervisorctl restart ckan-uwsgi:*
```

The result is shown in the figure below.



Comment

This approach achieves the desired outcome, it requires technical knowledge and access to the server backend, which may not be practical for all users. Moving these functionalities to the web UI would provide a more intuitive and accessible method for site administrators to manage visual elements without needing to manually edit configuration files or templates. This would enhance user experience and simplify the customization process.

Reflection

By working through the theming process—modifying template snippets, adding static files, and adjusting configurations, I gained a much deeper understanding of CKAN's framework than I would have by just reading the documentation. Working with CKAN's backend requires not only an understanding of its documentation, but also a practical knowledge of how changes in configuration files and templates affect the front-end.

Reference

1. <https://docs.ckan.org/en/2.11/theming/static-files.html#adding-static-files>
2. <https://docs.ckan.org/en/2.11/maintaining/configuration.html#extra-public-paths>
3. <https://ckan.org/media/images/DATASTORE-BIG.2e16d0ba.fill-630x520.jpg>
4. <https://ckan.org/media/images/EXTEND-BIG.2e16d0ba.fill-630x520.jpg>
5. <https://ckan.org/static/img/ckan-dpg.svg>