Manual for Chilean Data Library Management – Part 2

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The maproom structure

Main Branch

Branch

Examples

- index.xhtml.en
- index.xhtml.es
- index.xhtml.fr
- ...

Monitoring

- index.xhtml.en
- index.xhtml.es
- index.xhtml.fr
- ...

Meteorological

- Precipitation.html.en
- Precipitation.html.es
- ...

MEWS

- index.html.en
- index.html.es
- ...

Precipitation

- Anomaly.html.en
- ...

TD

- ClimateChange.html.en
- ClimateChange.html.es
- ...

LEAF
Add a new map section to the maproom

Here we add a completely new maproom section ‘Drought Monitor’ to the test maproom.

Start with a clean maproom copy

Run the git clean command:

>`git clean -f -x -d - maproom`

This eliminates all files created by making a tarball.

(Note: it also eliminates all NEW files that you added, so make sure you make a local copy first)

Create the map structure

First we need to add a new folder named ‘Monitoring’

Inside this folder now create a new folder called ‘Meteorological’
Add the index.html for the new folder (BRANCH)
Go to Examples/index.xhtml.en and select duplicate

Indicate the Monitoring folder as the target:

/home/kverbist2/maproom_test/maproom/Monitoring/*.*

Go to the Monitoring maproom and open the index file.
1. Change icon link: copy paste the link below

http://www.climatedatalibrary.cl/expert/SOURCES/Chile/DGA/meteorological/Precipitation/a:lon/a:lat/a:precip/a/precip_colors/DATA/0/100/RANGE/SOURCES/Chile/DMC/Precipitation/a:lon/a:lat/a:precip/a
2) Change the Navigation text ('navtext') to 'Monitoring'.
3) Change the title to 'Drought Monitor'
4) Change the text section between <p> and </p> to describe the maps it represents:
   <p align="left" property="term:description"> A drought monitor showing relevant drought indicators. </p>
5) Change the folder 'Examples' to 'Monitoring'
6) Changed the 'tabterm' to reflect the underlying folder 'Meteorological':
   <link rel="maproom:tabterm" href="http://iridl.ldeo.columbia.edu/ontologies/maproom.owl##Monitoring_Meteorological_term" />

The final file then looks like this: (get the final file here)

Now save the file, go to the terminal and process the maproom (check previous chapter for details):
1) add the file: >git add *
2) commit the file: >git commit -a
3) push the file to Bitbucket: git push
4) make a compressed maproom: >make tarball
5) migrate the tarball to the www section: >tar xvzf ~kverbist2/maproom_test/maproom-XXXX
6) make a virtual link to the maproom name: >ln –s maproom-XXX kverbist2
7) check the new version online: a new branch is added

But if you click on it: no content is available...
Create the map you want to add (LEAF)
Now let’s add a map to the Monitoring branch.

Start with a clean maproom copy
Run the git clean command:

```bash
>git clean -f -x -d maproom
```
This eliminates all files created by making a tarball.
(Note: it also eliminates all NEW files that you added, so make sure you make a local copy first)

First duplicate an example map
Go to /Examples/Precipitation/ and duplicate the file Anomaly.html.en to the directory:

```
/home/kverbist2/maproom_test/maproom/Monitoring/Meteorological/*.*
```

Go to that folder and rename the file ‘Anomaly.html.en’ to ‘Precipitation.html.en’

Create the html file that represents the map
Open the file and change the following items:
1) Change ‘Examples_Precipitation’ to ‘Monitoring_Meteorological’
2) Change ‘Monthly Precipitation Anomaly’ to ‘Observed Precipitation’
3) Change ‘Anomaly’ to ‘Precipitation’
4) Change ‘Anomaly’ to ‘Precipitation’
5) Change ‘Global Precipitation Anomaly’ to ‘Precipitation’
6) Change ‘Example’ to ‘Monitoring’
7) Change icon image to the same image of the previous part:
   http://www.climatedatalibrary.cl/expert/SOURCES/.Chile/.DGA/.meteorological/.Precipitation/a:/.lon/:a:/.lat/:a:/.precip/:a/pr
cip_colors/DATA/0/100/RANGE/SOURCES/.Chile/.DMC/.Precipitation/a:/.lon/:a:/.lat/:a:/.precip/:a/precip_colors/DATA/0/10
0/RANGE/file/scattercolor/scattercolor/black/verythin/countries_gaz/lightgrey/verythin/states_gaz/black/verythin/coasts/fig
//bbox%5B-80/-55/-67/-17%5Dpsdef/%28antialias%29true/psdef/%28fntsze%2920/psdef//anomaly/-
42.7/42.7/plotrange//lat/-54/-29/plotrange//T/637.5/plotvalue/++//T/643.5/plotvalue+//plotborder+72+psdef//plotaxislength+432+psdef+.gif
8) Change /Examples/ to /Monitoring/ AND change >Examples< to >Monitoring<
9) Change ‘Example’ to ‘Monitoring_Meteorological_term’ AND change >Examples< to >Meteorological Drought<
1) Change the reference to ‘http://www.climatedatalibrary.cl/expert/SOURCES/.Chile/.DMC/.Precipitation’

2) Change everything between “” to 
   http://www.climatedatalibrary.cl/expert/%28Anomaly%29//var/parameter/%28Observed%29eq/%7BSOURCES/.Chile/.DGA/.meteorological/.Precipitation/a:/.lon/:a:/.lat/:a:/.precip/:a/precip_colors/DATA/0/100/RANGE/SOURCES/.Chile/.DMC/.Precipitation/a:/.lon/:a:/.lat/:a:/.precip/:a/precip_colors/DATA/0/100/RANGE/fig:/scattercolor/scattercolor/black/verythin/countries_gaz/lightgrey/verythin/states_gaz/black/verythin/coasts/:fig//bbox%5B-80/-55/-67/-17%5Dpsdef/%28antialias%29true/psdef/%28fntsze%2920/psdef%7Dif//var/get_parameter/%28Anomaly%29eq/%7BSOURCES/.Chile/.DMC/.Precipitation_anomaly/a:/.lon/:a:/.lat/:a:/.anomaly/:a/prcp_anomaly/DATA/-100/100/RANGE/SOURCES/.Chile/.DGA/.meteorological/.Precipitation_anomaly/a:/.lon/:a:/.lat/:a:/.anomaly/:a/prcp_anomaly/DATA/-100/100/RANGE/fig:/scattercolor/scattercolor/black/verythin/states_gaz/lightgrey/verythin/coasts/fbbox%5B-80/-55/-67/-17%5Dpsdef/%28antialias%29true/psdef/%28fntsze%2920/psdef%7Dif/++//anomaly/-42.7/42.7/plotrange//lat/-54/-29/plotrange//anomaly/-42.7/42.7/plotrange//T/last/plotvalue//XOVY+null+psdef//plotaxislength+432+psdef//plotborder+72+psdef+.gif

3) Change everything between “” to 
   http://www.climatedatalibrary.cl/expert/%28Anomaly%29//var/parameter/%28Observed%29eq/%7BSOURCES/.Chile/.DGA/.meteorological/.Precipitation/a:/.lon/:a:/.lat/:a:/.precip/:a/precip_colors/DATA/0/100/RANGE/SOURCES/.Chile/.DMC/.Precipitation/a:/.lon/:a:/.lat/:a:/.precip/:a/precip_colors/DATA/0/100/RANGE/fig:/scattercolor/scattercolor/black/verythin/countries_gaz/lightgrey/verythin/states_gaz/black/verythin/coasts/:fig//bbox%5B-80/-55/-67/-17%5Dpsdef/%28antialias%29true/psdef/%28fntsze%2920/psdef%7Dif//var/get_parameter/%28Anomaly%29eq/%7BSOURCES/.Chile/.DMC/.Precipitation_anomaly/a:/.lon/:a:/.lat/:a:/.anomaly/:a/prcp_anomaly/DATA/-100/100/RANGE/SOURCES/.Chile/.DGA/.meteorological/.Precipitation_anomaly/a:/.lon/:a:/.lat/:a:/.anomaly/:a/prcp_anomaly/DATA/-100/100/RANGE/fig:/scattercolor/scattercolor/black/verythin/states_gaz/lightgrey/verythin/coasts/fbbox%5B-80/-55/-67/-17%5Dpsdef/%28antialias%29true/psdef/%28fntsze%2920/psdef%7Dif/++//anomaly/-42.7/42.7/plotrange//lat/-54/-29/plotrange//anomaly/-42.7/42.7/plotrange//T/last/plotvalue//XOVY+null+psdef//plotaxislength+432+psdef//plotborder+72+psdef+.gif

4) Change everything between “” to
5) Change ‘Monthly Precipitation Anomaly’ to ‘Observed Precipitation’

6) Change text to
   
   <p align="left" property="term:description">This map shows current and historical precipitation for Chile. Precipitation stations are those reported by the Chilean Water Authority (DGA) and the Chilean Meteorological Service (DMC).</p>

7) Change ‘Monthly Precipitation Anomaly’ to ‘Observed Precipitation’

8) Change to
   
   <dt>Data</dt><dd>Observed Precipitation at DGA measuring stations</dd>
   <dt>Data Source</dt><dd>DGA Water Authority, <a href="http://www.dga.cl/">DGA</a></dd>

9) Change to
   
   <a href="http://www.climatedatalibrary.cl/SOURCES/.Chile/.DGA/.meteorological/.Precipitation/">Access the DGA dataset used to create this map.</a>

10) Change everything between "" to

   <a href="mailto:help@iri.columbia.edu?subject=Observed Precipitation">mailto:help@iri.columbia.edu?subject=Observed Precipitation</a>

You can get a copy of the adjusted file here.

Now save the file, go to the terminal and process the maproom (check previous chapter for details)

You should now see the maproom completed:
Drought Monitor

A drought monitor showing relevant drought indicators.

The indicators were selected to show conditions with respect to meteorological, hydrological and agricultural drought.