

From: "Ricardo Alberto Reyes Jiménez" rreyes@humboldt.org.co

Subject: Technical questions about CNCFlora (part two :)).

Date: August 26, 2016 at 4:27 PM America/Los_Angeles

To: diogo@cncflora.net, Carolina Castellanos Castro ccastellanos@humboldt.org.co, Daniel Lopez dlopez@humboldt.org.co, "Lina Marcela García Loaiza" lgarcia@humboldt.org.co, "Jaime Alberto Gutiérrez Mejía" jaimealbertogutierrez@gmail.com, Maria Piedad Baptiste mpbaptiste@humboldt.org.co



Hi Diogo, its me, again. The developer (Jaime Gutiérrez, who will be with us the Thursday in the videoconference), sent me another questions:

- 1) Which is the base framework VCM of components of web app CNCFlora?
- 2) Using ElasticSearch and SearchHD, there is a map of origins of data (for the whole solution in nuvem)? That is for the customizable queries (taxa.db & config.php) in the web service.
- 3) Is there a JSON pattern for FloraData?
- 4) Where is located the log fo CNCFlora? Is for audit purposes.
- 5) What will be the best way to do a backup of the NoSQL DB (Elastic and Search) and of the other repositories? Is there a schema for do that?

Thank you so much Diogo for your time, and I will be glad to talk with you the next Thursday.

Have a great weekend!!!

Best regards,



Ricardo Reyes-Jiménez

Investigador Asistente III - Laboratorio de Biogeografía Aplicada

Instituto de Investigación de Recursos Biológicos

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Antes de imprimir este mensaje, piensa si realmente necesitas hacerlo. ¡Gracias!

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From: "Ricardo Alberto Reyes Jiménez" <rreyes@humboldt.org.co>
Subject: Fwd: Re: Technical questions about CNCFlora (part two :)).
Date: August 29, 2016 at 4:00 PM America/Los_Angeles
To: "Jaime Alberto Gutiérrez Mejía" <jaimealbertogutierrez@gmail.com>



----- Mensaje reenviado -----

De: "Diogo Silva" <diogo@cncflora.net>

Fecha: 29/8/2016 5:46 p. m.

Asunto: Re: Technical questions about CNCFlora (part two :)).

Para: "Carolina Castellanos Castro" <ccastellanos@humboldt.org.co>

Cc: "Diogo Souza" <diogo@cncflora.net>, "Ricardo Alberto Reyes Jiménez" <rreyes@humboldt.org.co>

Hello all,

I am answering both e-mails here. Sorry for the delay and the long e-mail.

1. Which are the access URI's to the web-services CLI of CNCFlora & FLORATA, and where we can read the documentation for those services?

The urls are <http://cncflora.jbrj.gov.br/services/> for the published risk assessments and floradata is at <http://cncflora.jbrj.gov.br/floradata/>

2. After the stand-alone deployment we have no access to all the administration privileges. How is possible to run the administration of all categories and possible configurations of CNCFlora?

After you start the services the first time you need to access to user manager application to create the first admin, at <http://domain/connect/>

There it will ask for information to create the first user, that will be an admin.

3. How we can edit the information components of taxonomic data?

The taxonomy component is at the url <http://domain/checklist/>. It will allow you to create a Checklist (which is a database that will contain) and within this checklist you can add the species. You will need the admin user.

And from the second e-mail:

1) Which is the base framework VCM of components of web app CNCFlora?

Not sure what a VCM framework is in this context.

2) Using ElasticSearch and SearchHD, there is a map of origins of data (for the whole solution in nuvem)? That is for the customizable queries (taxa.db & config.php) in the web service.

The service under floradata is reading the darwincore specified in it's config.php (in this case it's the from Flora do Brasil). This creates the taxa.db which is a sqlite database and provides the services urls for this part of the system. This data is no in ElasticSearch.

For visualizing and running custom queries on data on ElasticSearch (much of the app, except external taxa and users), there is a UI called kibana deployed at <http://domain/kibana>.

3) Is there a JSON pattern for FloraData?

Unfortunately there is not, but they are mostly darwincore fields related to taxonomy. All follow this same model:

<http://cncflora.jbrj.gov.br:80/floradata/api/v1/specie?scientificName=Aphelandra%20longiflora>

4) Where is located the log fo CNCFlora? Is for audit purposes.

All logging is handled inside docker, to inspect a specific app you can use the command:

```
$ docker-compose logs app_name
```

It is also possible to redirect the log to other places, if needed.

5) What will be the best way to do a backup of the NoSQL DB (Elastic and Search) and of the other repositories? Is there a schema for do that?

Overall, everything is saved under /var/data.

In details:

The main written database is actually the CouchDB, it writes a single file at /var/data/couchdb for each checklist. That files can be simply copied/rsync over. CouchDB also have a native replication mechanism, for live copy.

The elasticsearch can be rebuild using the scripts at the Indexer project in github, the it's file can also be simply copied from /var/data/elasticsearch if you stop the server.

Other important db is the users database at /var/data/connect. They also can be copied.

If the system starts in a new machine with those files at the expected paths, it will all be the same.

Diogo Souza da Silva
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2016-08-29 10:38 GMT-03:00 Diogo Silva <diogo@cncflora.jbrj.gov.br>:

Hello Carolina and Ricardo,

I confirm the meeting for tomorrow, August 30th at 11am.

I will answer both technical e-mails today, but wanted to confirm the meeting first.

Diogo Souza da Silva
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2016-08-29 0:31 GMT-03:00 Carolina Castellanos Castro <ccastellanos@humboldt.org.co>:

Dear Diogo

Just a clarification, the proposed date for the meeting is on Tuesday 30th of August at 11am (Colombia), not Thursday.

Regards,

Carolina

2016-08-26 18:27 GMT-05:00 Ricardo Alberto Reyes Jiménez <rreyes@humboldt.org.co>:

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Ricardo Reyes-Jiménez

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