

BlueBRIDGE - Support #5599

Dataminer: algorithms no more listed in deployed algorithms

Oct 31, 2016 05:48 AM - Julien Barde

Status: Closed	Start date: Oct 31, 2016
Priority: Urgent	Due date:
Assignee: Gianpaolo Coro	% Done: 100%
Category:	Estimated time: 0.00 hour
Sprint: WP08	
Infrastructure:	

Description

Some algorithms I deployed few months ago and which were displayed in data miner until last week are not there anymore:
* MAKE_ICHTHYOP_NETCDF_CF_COMPLIANT_OUTPUT_TO_SHAPEFILE
* ICHTHYOP_NETCDF_OUTPUT_TO_SHAPEFILE

Taha had the same problem last week with some (2 I think) of his algorithms and I can't see any algorithms of Paul in the Tuna Atlas VRE (he had around 10 algorithms in production environment are gone).

Once deployed, it's not obvious to find our algorithms among VREs and some information is missing if using the WPS getCapabilities or describeProcess queries.

CKAN might be really helpful to get a list of algorithms according to various search criteria. I am currently making an inventory / catalog of algorithms deployed by IRD for the wiki and it would be really helpful to flag algorithms with additional metadata elements like:

- * name of provider (contact and organization),
- * context in the infra: Tuna Atlas VREs.
- * keywords: Stock Assessment, Ichthyop model...
- * outlook / Snapshot: to see how outputs look like.
- * ..

This way we could really browse the content of the WPS catalog and find some relevant processes.

History

#1 - Oct 31, 2016 12:39 PM - Pasquale Pagano

- Assignee changed from Pasquale Pagano to Gianpaolo Coro

Something wrong should have done during the recent update. I am assigning the ticket to Gianpaolo that can add again the algorithms to the VRE, I suppose Tuna Atlas VRE I suppose but please correct me if I am wrong.

It should be an authorisation issue. The infrastructure is completely configured around authorisations. A user is authorised to use a resource (in this case an algorithm) in a VRE. If algorithms disappeared it should depend on the fact the you are not authorised anymore to use them in a VRE. This issue could have been generated by the new authorisation service that required changes in the configuration. Clearly we are sorry for the inconvenience and I wait [@gianpaolo.coro@isti.cnr.it](mailto:gianpaolo.coro@isti.cnr.it) for its fix.

Algorithms will be published in CKAN starting next release. Again, publication will be per VRE meaning that an algorithm will appear in the Catalog of the VRE where it was authorised, in all of them if the algorithm is published as public.

We can customise the metadata of the resources published in CKAN. So please let us which attributes you wish to see in the catalog and we will configure it appropriately.

#2 - Oct 31, 2016 06:21 PM - Gianpaolo Coro

- % Done changed from 0 to 100
- Status changed from New to Closed

Hi, last week we made a large upgrade of the e-Infrastructure and this involved upgrading the security services. The algorithms you indicated had some issues with the installation due to this upgrade, but this issue was missed by our consistency checks. We have just restored them and corrected the checks. The names are the one you indicated in SAI, i.e.:

Make Ichthyop Netcdf Cf Compliant
Ichthyop Netcdf Output To Shapefile

They have been installed again in the RPrototypingLab, since no request had been provided to put these algorithms in the production VREs. Sorry for the inconvenience.

#3 - Nov 01, 2016 08:42 AM - Julien Barde

Thanks.
the algorithms of [@paul.taconet@ird.fr](mailto:paul.taconet@ird.fr) are restored in development environment but are still missing in production (11 codes to be restored in production / Tuna Atlas VRE).

#4 - Nov 02, 2016 02:30 PM - TAHA IMZILEN

Hi Gianpaolo,
missing algorithms of the category 'lccat Eastern Bft Stock Assessment' are added again to the VRE's (production and development)! it miss just one algorithm 'STEP_3___VPA_ICCAT_BFT_E_Projection' on the ICCAT_BFT-E VRE
could you restore it please ?
thank you

#5 - Nov 02, 2016 03:11 PM - Gianpaolo Coro

Hi Taha, it should be everything OK now. I have written an alignment process for all the DataMiner that should ensure to have the correct algorithms installed also after the updates.

As for the Step 3 case, I was confused by the fact that you published two algorithms "STEP_3___VPA_ICCAT_BFT_E_Projection" and "STEP_3___VPA_ICCAT_BFT_E_PROJECTION" thus I had to figure out which was the correct one :-).

#6 - Nov 02, 2016 03:58 PM - TAHA IMZILEN

it is restored.
everything is ok for me now! thanks