

D4Science Infrastructure - VRE #12344

AlienAndInvasiveSpecies VRE

Aug 29, 2018 05:39 PM - Massimiliano Assante

Status:	Released	Start date:	Aug 29, 2018
Priority:	Normal	Due date:	Aug 31, 2018
Assignee:	Massimiliano Assante	% Done:	100%
VRE_Policy:	Open	Data Analytics Description:	
Invite_Policy:	VRE_Manager	Data Discovery & Access:	
VRE Managers:		Data Discovery & Access Desc:	
Storage Capacity:		Other App to be integrated:	
Database:		Integrated Apps Description:	
Data Analytics:			
Description			
VRE Name: AlienAndInvasiveSpecies			
Description: @gianpaolo.coro@isti.cnr.it TODO			
The VRE should offer:			
<ul style="list-style-type: none">• access to abiotic and biotic data functional to the case• access only to the algorithms used for this case. Such algorithms could be organized into specific categories that make the DM of this VRE specific for this context.• the catalog with the things mentioned above.• the pufferfish case presented as in the article (based on the stories presented in the VRE by SoBigData).			
The VO hosting it is gCubeApps @roberto.cirillo@isti.cnr.it ?			
Related issues:			
Related to D4Science Infrastructure - Task #12711: GeoNetwork connector provi...			Closed Oct 16, 2018

History

#1 - Aug 29, 2018 05:40 PM - Massimiliano Assante

List of DM Algorithms needed:

- Presence Cells Generation
- Absence Cells From Aquamaps
- Absence Generation From Obis
- Aquamaps Suitable Neuralnetwork
- Aquamaps Native Neuralnetwork
- Max Ent Niche Modelling
- Feed Forward Neural Network Regressor
- Feed Forward Neural Network Trainer
- Feed Forward Ann
- Feed Forward A N N Distribution
- Support Vector Machines Modelling
- Support Vector Machines Projector
- Aquamapsnn
- Points To Map
- Polygons To Map
- Species Map From Csquares
- Species Map From Points
- Maps Comparison
- Raster Data Publisher
- Shapefile Publisher
- Bioclimate Hcaf
- Hrs

- Kappa Coefficient
- Dbscan
- Kmeans
- Lof
- Xmeans
- Csquare Column Creator
- Csquares To Coordinates
- Csv To Netcdf Converter Xy
- Csv To Netcdf Converter Xyz
- Csv To Netcdf Converter Xyt
- Csv To Netcdf Converter Dimchar
- Esri Grid Extraction
- Fao Ocean Area Column Creator
- Fao Ocean Area Column Creator From Quadrant
- Geo Interpolation
- Grid Cwp To Coordinates
- Occurrence Enrichment
- Xyextractor
- Most Observed Species
- Most Observed Taxa
- Species Observations Per Area
- Species Observation Lme Area Per Year
- Species Observation Meow Area Per Year
- Species Observations Trend Per Year
- Taxonomy Observations Trend Per Year
- Occurrences Duplicates Deleter
- Occurrences Intersector
- Occurrences Marine Terrestrial
- Occurrences Merger
- Occurrences Subtraction
- Cmsy 2
- Time Series Analysis
- Hcaf Interpolation
- Hcaf Filter
- Hspen
- Estimate Fishing Activity
- Estimate Monthly Fishing Effort
- Sgvm Interpolation

#2 - Aug 29, 2018 06:20 PM - Roberto Cirillo

yes, we can create it under gCubeApps VO.

#3 - Aug 30, 2018 12:58 PM - Massimiliano Assante

- Subject changed from Alien Species VRE to AlienAndInvasiveSpecies VRE

- Description updated

#4 - Aug 30, 2018 05:45 PM - Massimiliano Assante

- Status changed from New to Planned

#5 - Aug 30, 2018 05:58 PM - Massimiliano Assante

- Status changed from Planned to In Progress

- % Done changed from 0 to 100

#6 - Aug 30, 2018 05:59 PM - Massimiliano Assante

- Status changed from In Progress to Available

The VRE is available at <https://services.d4science.org/group/alienandinvasivespecies>

#7 - Aug 30, 2018 06:26 PM - Pasquale Pagano

When fully set up, I believe this VRE have to be made accessible through the BB gateway as well.

#8 - Sep 27, 2018 05:29 PM - Gianpaolo Coro

- Status changed from Available to In Progress

- Assignee changed from Massimiliano Assante to Roberto Cirillo

- % Done changed from 100 to 50

In the VRE the following services with respective portlets are requested:

- 1 - DataMiner
- 2 - SPD
- 3 - GeoExplorer
- 4 - GeoNetwork (to be substituted by GN v3 after testing)
- 5 - Catalogue

#9 - Sep 28, 2018 12:51 PM - Roberto Cirillo

- % Done changed from 50 to 90

The resources and services 1,2,3,4 are in place. (4 should be substituted when GN v3 is ready)

I need to understand which catalogue should be added to this VRE. @gianpaolo.coro@isti.cnr.it @leonardo.candela@isti.cnr.it @francesco.mangiacrapa@isti.cnr.it please could you indicate a catalogue instance for this VRE?

#10 - Sep 28, 2018 02:47 PM - Leonardo Candela

Roberto Cirillo wrote:

The resources and services 1,2,3,4 are in place. (4 should be substituted when GN v3 is ready)

I need to understand which catalogue should be added to this VRE. @gianpaolo.coro@isti.cnr.it @leonardo.candela@isti.cnr.it @francesco.mangiacrapa@isti.cnr.it please could you indicate a catalogue instance for this VRE?

I suggest to use the D4Science overall catalogue, this VRE is not associated with a specific project.

#11 - Sep 28, 2018 03:33 PM - Francesco Mangiacrapa

I just created the organization on the ckan-d4s1 (at <https://ckan-d4s1.d4science.org/organization/alienandinvasivespecies>)

#12 - Sep 28, 2018 03:46 PM - Francesco Mangiacrapa

@roberto.cirillo@isti.cnr.it we need to add the ckan-connector of ckan-d4s1 and the other resources (GR/RR) to present the data catalogue. Let me know when the ckan-connector is available in the scope

#13 - Sep 28, 2018 04:03 PM - Roberto Cirillo

I've added the catalogue and db resources could you check if other resources are needed.

I'm not able to reach the whn-manager on ckan-d4s1 by monitor. I'm going to check why

#14 - Sep 28, 2018 04:52 PM - Roberto Cirillo

I've added the CkanConnector by ansible. Now it is available on AlienAndInvasiveSpecies VRE

#15 - Oct 01, 2018 05:01 PM - Francesco Mangiacrapa

@roberto.cirillo@isti.cnr.it, I just created the GR CkanPortlet and activated the view per VRE (see at <https://services.d4science.org/group/alienandinvasivespecies/catalogue>)

#16 - Oct 03, 2018 04:23 PM - Gianpaolo Coro

In the VRE the following services are required to build the story:

- 1 - SPD
- 2 - GeoExplorer

#17 - Oct 04, 2018 10:41 AM - Roberto Cirillo

- Assignee changed from Roberto Cirillo to Massimiliano Assante

As I've said 6 days ago, the SPD and GeoExplorer are already in place. I guess the portlet is missing @massimiliano.assante@isti.cnr.it could you check, please?

#18 - Oct 04, 2018 11:20 AM - Leonardo Candela

I played a bit with the VRE ... you'll find a "Data Access & Discovery" menu item including the catalogue + SPD & GIS Viewer

@massimiliano.assante@isti.cnr.it ... the new look&feel used by this VRE make it challenging to go back to the VRE when using sub-menu.

I decided to add a nav portlet in the sub-menu items pages ... it might work this way.

#19 - Oct 04, 2018 11:25 AM - Massimiliano Assante

I have added GeoExplorer and SPD portlets to the VRE, and removed the mess @leonardo.candela@isti.cnr.it did

#20 - Oct 04, 2018 11:39 AM - Leonardo Candela

The "mess" is back ... my feeling is that it is not a mess at all ;)

#24 - Oct 16, 2018 12:10 PM - Leonardo Candela

- *Related to Task #12711: GeoNetwork connector provisioning on GN 3.2.1 added*

#26 - Oct 17, 2018 03:01 PM - Pasquale Pagano

do we need to add other data to GN 3? Species distribution maps are not yet present.

#27 - Nov 20, 2018 12:08 PM - Massimiliano Assante

- *Status changed from In Progress to Available*

- *% Done changed from 90 to 100*

#28 - Nov 20, 2018 12:09 PM - Massimiliano Assante

- *Status changed from Available to Released*