Virtual Observatory
Paris Data Centre

Services status and metrics

http://voparis-validation.obspm.fr/

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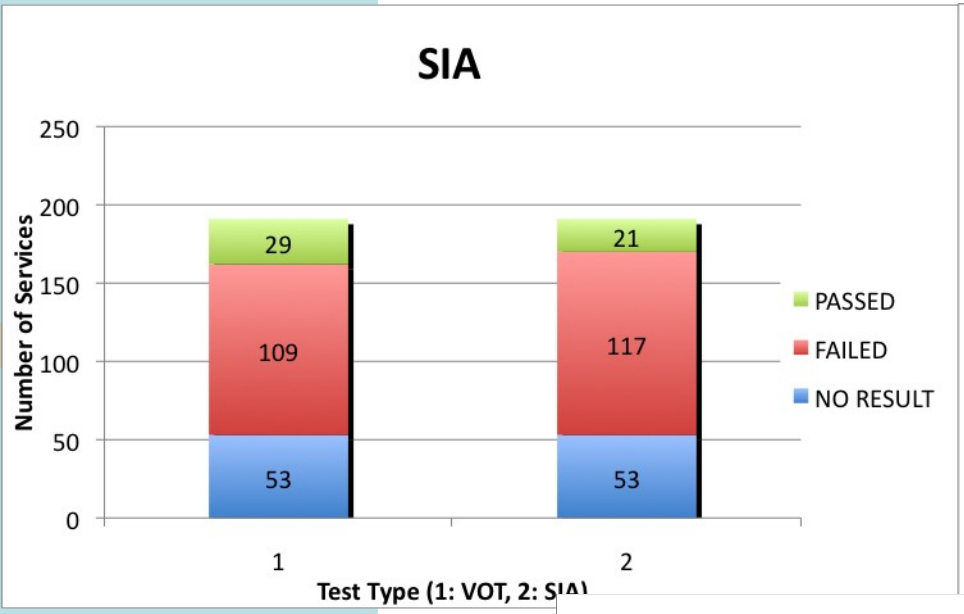
Context

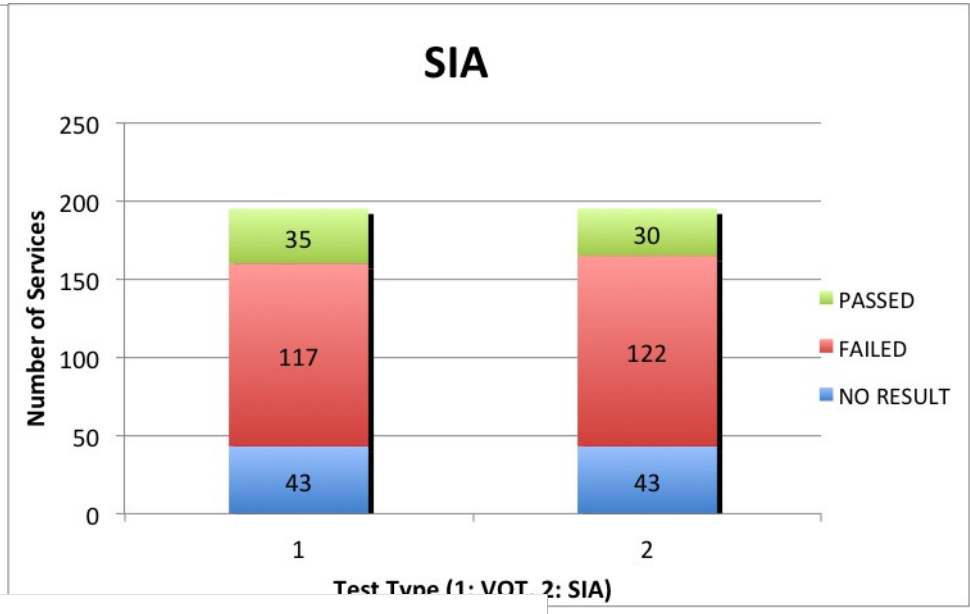
Result from Urbana Discussion

- How to clean the registry contents
- Do full searchable registries have the same contents ?
- What is the evolution of quality assessment ? (next slides)
- What proposals can we make to clean the services registry ? (currently being accessed)

Results 06/2011 ->10/2012



06/2011



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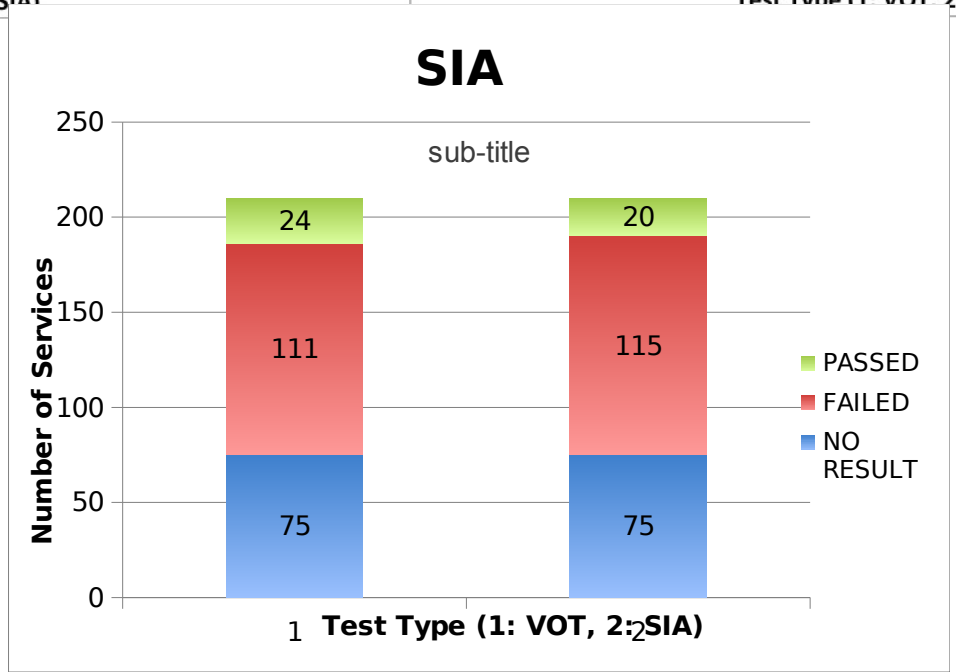

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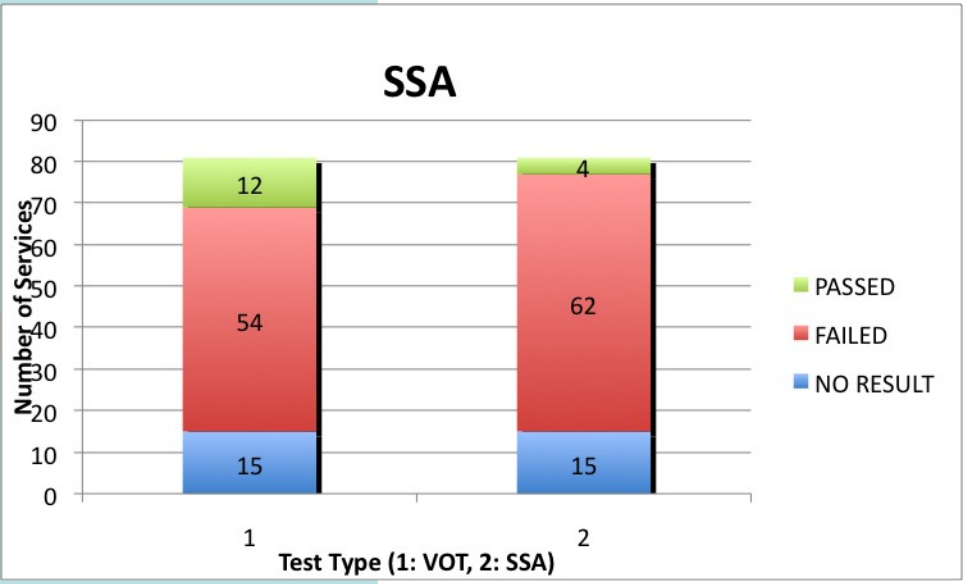
Result 06/2011 ->05/2012



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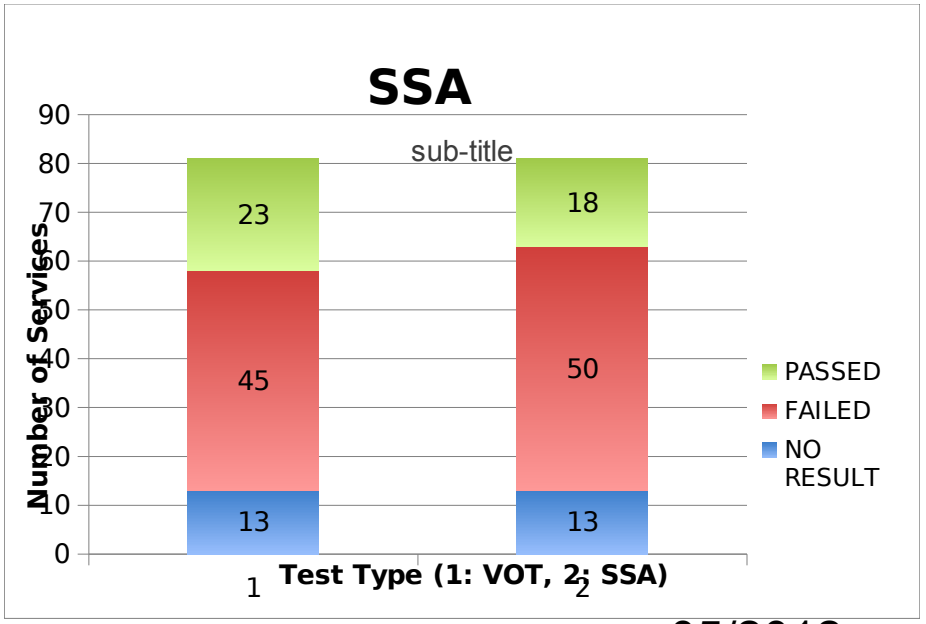

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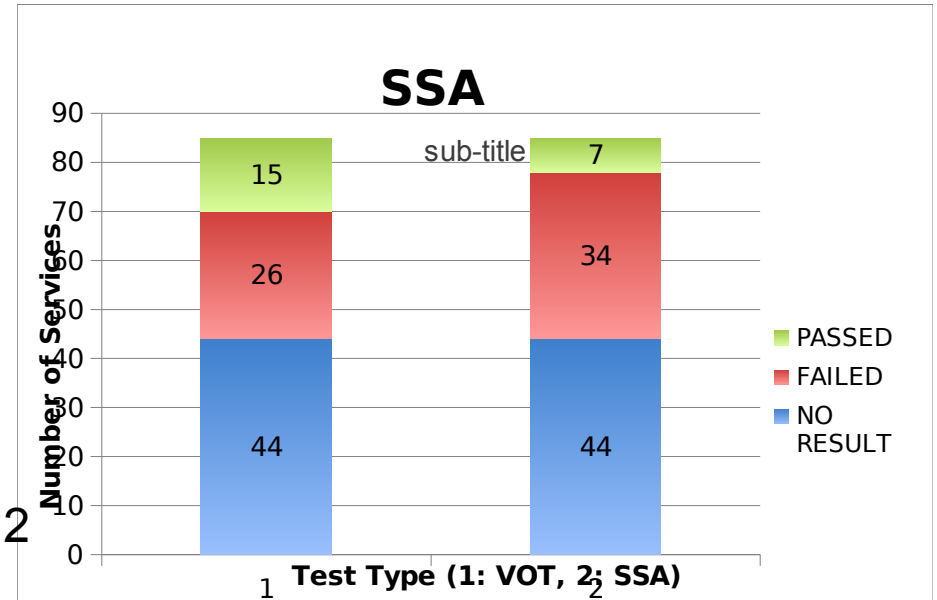

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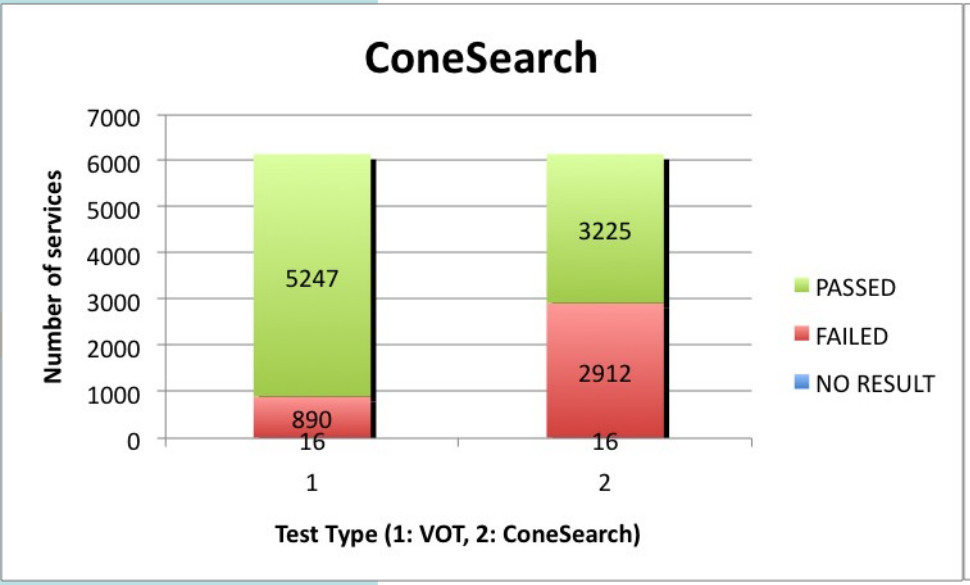
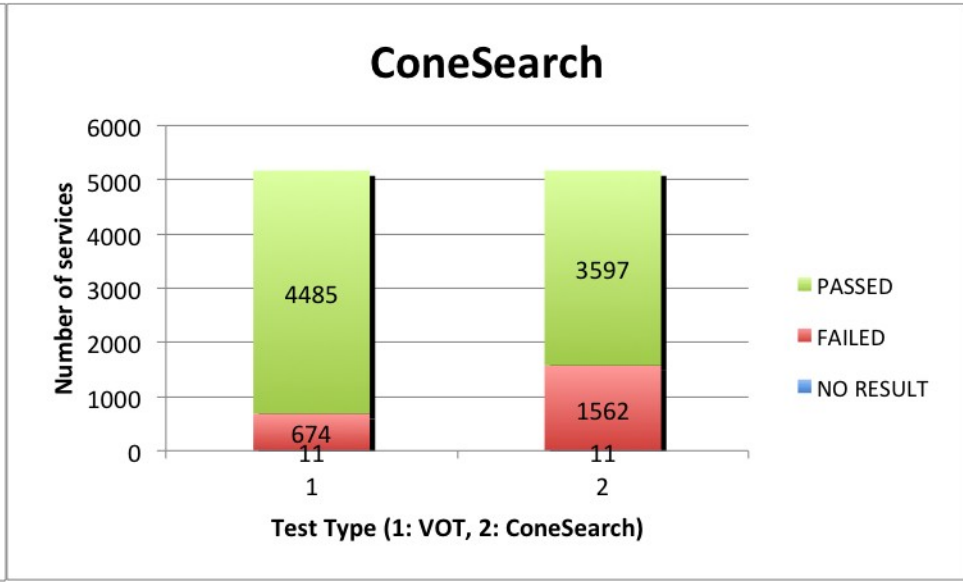


06/2011



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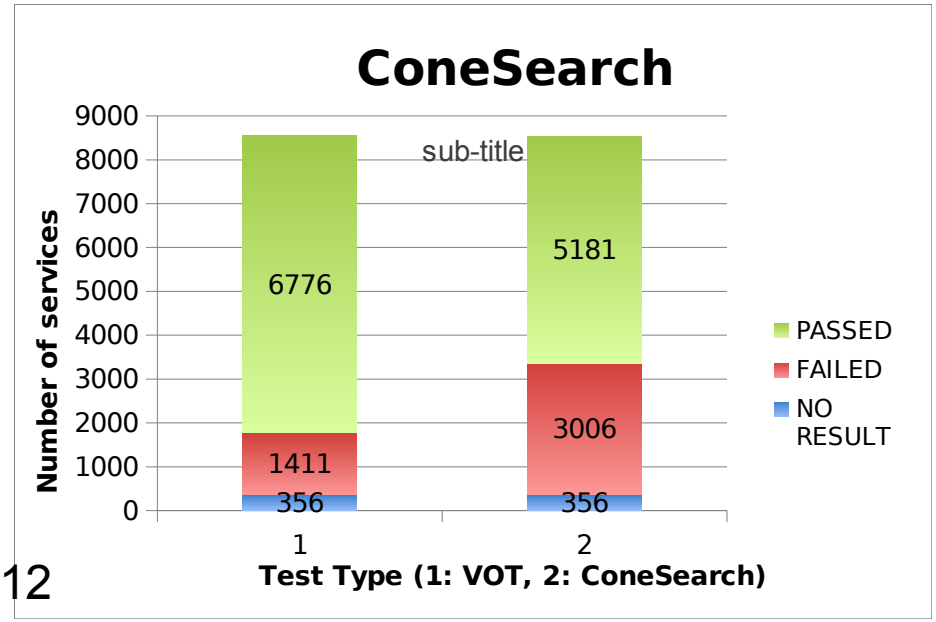

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Context

- Cumulative result are available at

`http://voparis-validation.obspm.fr/registry-load2.php`

- Ressources URL are taken from ESAC and Astrogrid
- Cumulation of "same status" in validation by testing every day since 410 days
- To get information on the registry hosting the resource:

`http://voparis-registry.obspm.fr/registry/_search?q=identifier:"ivo://jvo/irsf"`

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Statment after 1.5 year

- We have validate and monitored services using same interface as client
- We have shaken contact people for non-responding services with no real result

"Hi Guys - These old services have been taking offline hence should not be monitored. We will eventually be replacing them with new services." - ????

- We decided to verify registry content and consistency

Registry consistency

- Impossible to get results with SOAP+ADQL on all services
- We tried OAI-PMH but not same fields then ivo_vor to get all resources

  STScI => 12891

  EuroVO => 12142

  Astrogrid does not give result without filter on date

After exchange with Theresa on many resources

STScI= 11755

EuroVO = 12142

Next Steps: DIY

- Build a full searchable registry by using the Registry Of Registries (http://rofr.ivoa.net/) to harvest all publishing registries and collect all resources (ivo_managed) and see what really happens.

- Handle duplicate resources in the same registry (a VOResource declared twice managed in two different registries)

- Inconsistencies are detailed there:

http://wiki.ivoa.net/twiki/bin/view/IVOA/RegistryMisfeature

Conclusion

- It seems a good idea to separate physically the role of publishing and full searchable registries. (Searchable should not be publishing and should not contain managed resources)

- For duplicate resources only the last updated one should be taken into account

- For not responding services the registry manager should its change their status to “inactive” after >70 days of “not responding” state.