11th Annual | VIVO Conference 2020

An Innovation Lab Experience in a Federal Agency

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CAPES' MISSION

COORDINATES

ACCREDITATES

SUPPORTS

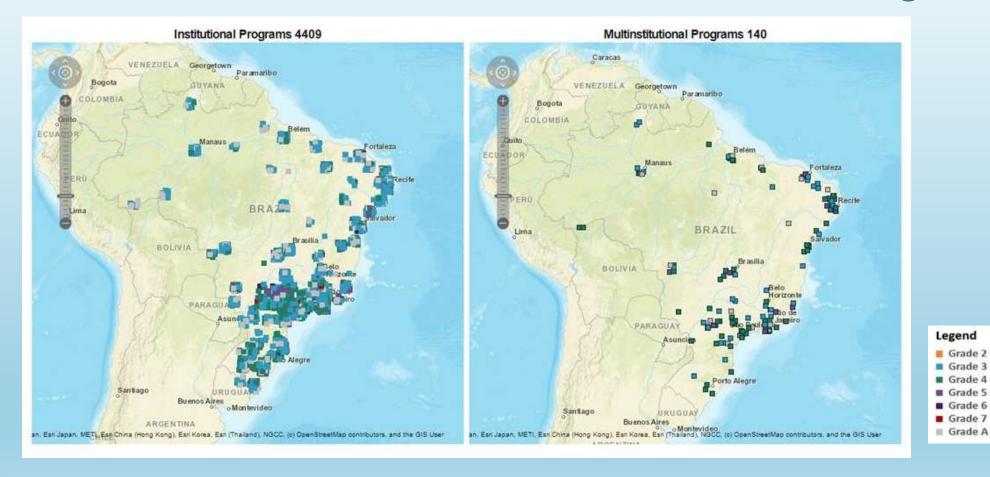
EVALUATES



CAPES Headquarters in Brasilia - Brazil

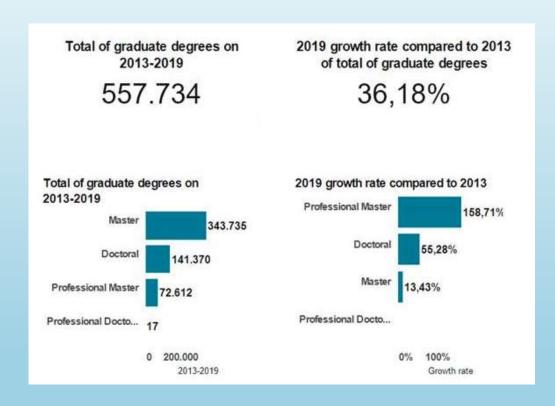


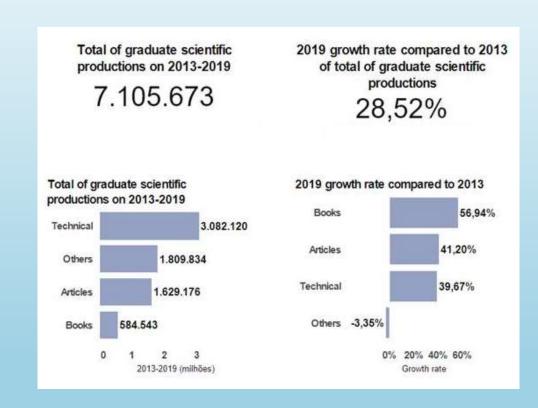
THE NATIONAL GRADUATE SYSTEM (SNPG) 2019





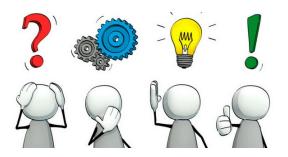
THE NATIONAL GRADUATE SYSTEM (SNPG) 2019











Challenges

- Improving evaluation process to U-Multirank
- FAIR Data
- More Research, Less Paperwork





Innovation

- Co-creation with users
- Partnerships with research groups and startups
- Multidisciplinary team (IT, statistical, librarian, UX, DT)

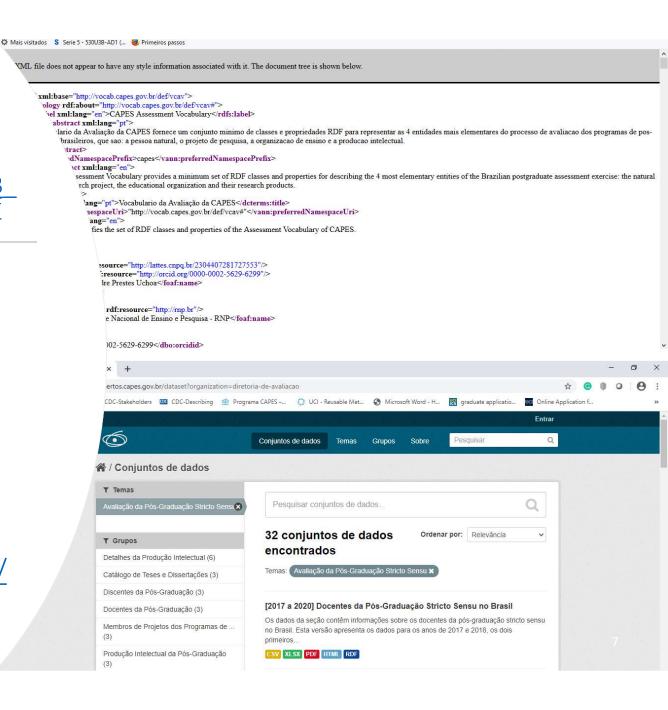


CAPES' Graduate Vocabulary

http://vocab.capes.gov.br/def/ver/1.0.3 2020-01-17/vcav 1.0.3 2020-01-17.rdf

CAPES' Open and Linked Data

https://dadosabertos.capes.gov.br/



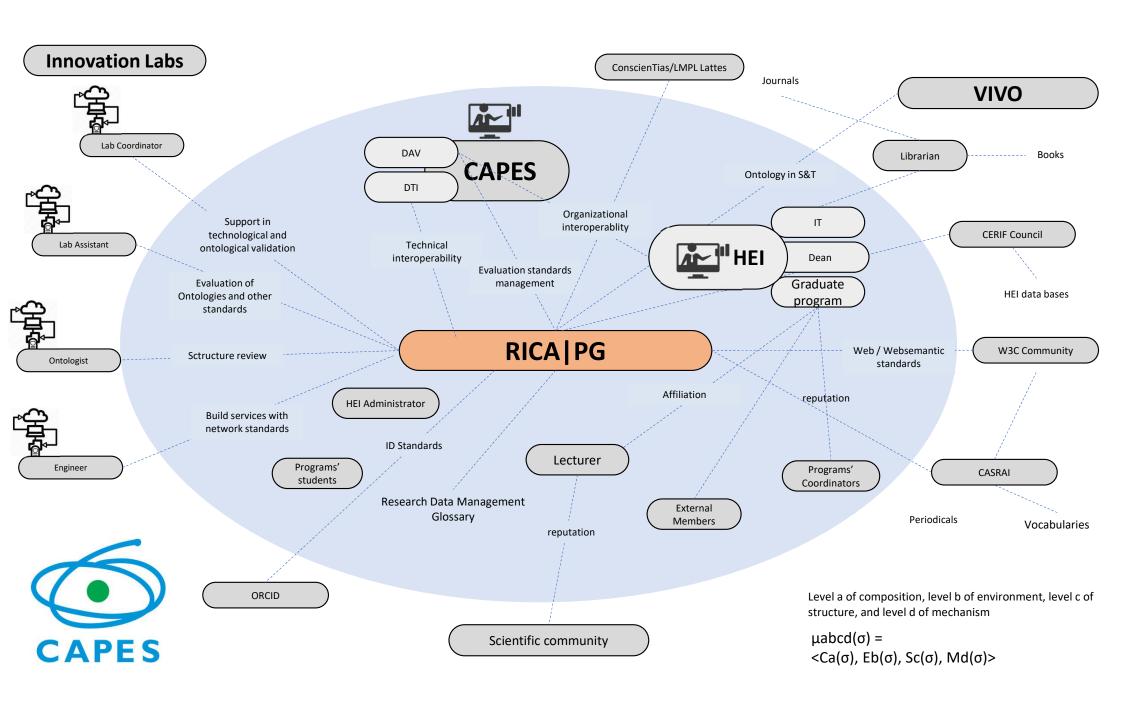
Mission



The RICA|PG Network builds lasting connections for the sharing and reuse of graduate data within the scope of CAPES' actions, through standardization and semantic interoperability.



http://capes.gov.br/36-noticias/10323-projeto-criara-rede-de-compartilhamento-de-informacoes



Review



- RICA|PG is using part of what is the VIVO Governance to structure its own governance model.
- VIVO Ontology will be used as ontological resource for reengineering purposes as we will create an ontology for our national graduate program structures.
- RICA|PG will focus on semantics to enable interoperability and thus focus on ontology engineering practices within the network.
- What elements of the programs will be captured by the system?
 - Organization Model (Courses);
 - Person (Faculty, Students);
 - Awards:
 - Thesis and dissertations;
 - Research projects;
 - Publications (pubs).



Rede RICA|PG - Brazilian Network of the Scientific and Graduate Communities Governance



- 1. CAPES
- 2. UFRRJ
- 3. UFAM
- 4. UFPE
- 5. UFRGS
- 6. CEFET-MG
- 7. UPE
- 8. UEM
- 9. Mackenzie
- 10. USP
- 11. UNESP
- 12. PUC-RS
- 13. Fiocruz
- 14. UDESC





























Innovation Lab Pool - Next steps



- Prepare the algorithms to solve situations in the local reality of the HEI, such as disambiguation;
- Provide a toolkit;
- Support the use of laboratory results as an object of reengineering ontological resources in the construction/adaptation of new vocabularies;
- Collaborate with the Advisors to validate and engineer ontologies and vocabularies (Network);
- Provide support to the semantic and technical interoperability processes that occur between members of the RICA Network | PG.





