







# General Discussion About Ontoology

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## **Background**



- > Education:
  - BS Computer Engineering
  - EIT Digital Data Science Master(Entry: UPM, Exit: KTH)







#### > Work Experience:

- Integration Engineer → Ericsson
- Python Developer→ Monty Global Services





## **Ontoology**

#### **Motivation:**

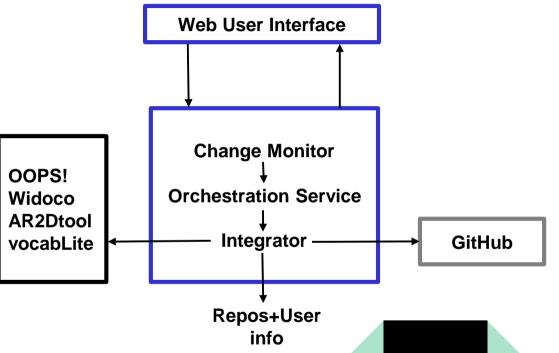
- Increased use of ontologies
- Time consumption
- Versioning issues
- Common practices software do not provide everything

#### **Components:**

- 1. Presentation Layer
- 2. Logic Layer
- 3. Persistence Layer

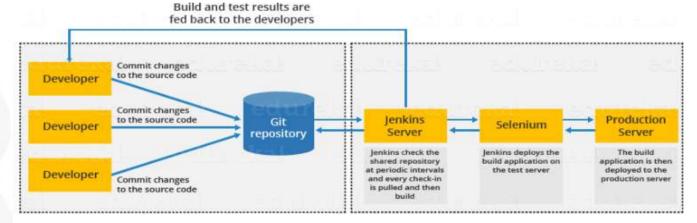
#### **Functionality:**

- 1. Automation
- 2. WorkFlow
- 3. Integration of workflow



## **Continuous Integration Pipeline**

What is a continuous integration pipeline?



> JenkinsFile



## **Continuous Integration Pipeline**

Ontoology Commit changes to the source code GitHub Repo Build and test Ontology results are Builder/Jenkins notified to the File developers Jenkins check the shared repository at periodic intervals. Every check-in is pulled and than build Jenkins Server Jenkin deploys the build application on test server Selenuim Build application is then deployed to the production server. Production

#### **Future Work**

- Integrating Ontoology with other git based projects (GitLab and Bitbucket).
- ➤ Improving Usability.
- Integrating with ontology editors.





## **Questions**

