

## Testbed

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# □ Brief recap of Testbed



# Goal of the Testbed

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- ❑ You will need tools
- ❑ Tools have different performances
- ❑ Find out in the Testbed
- ❑ Many experiments give a good average!
- ❑ Information on tools enriched with experimental information



# No judgement

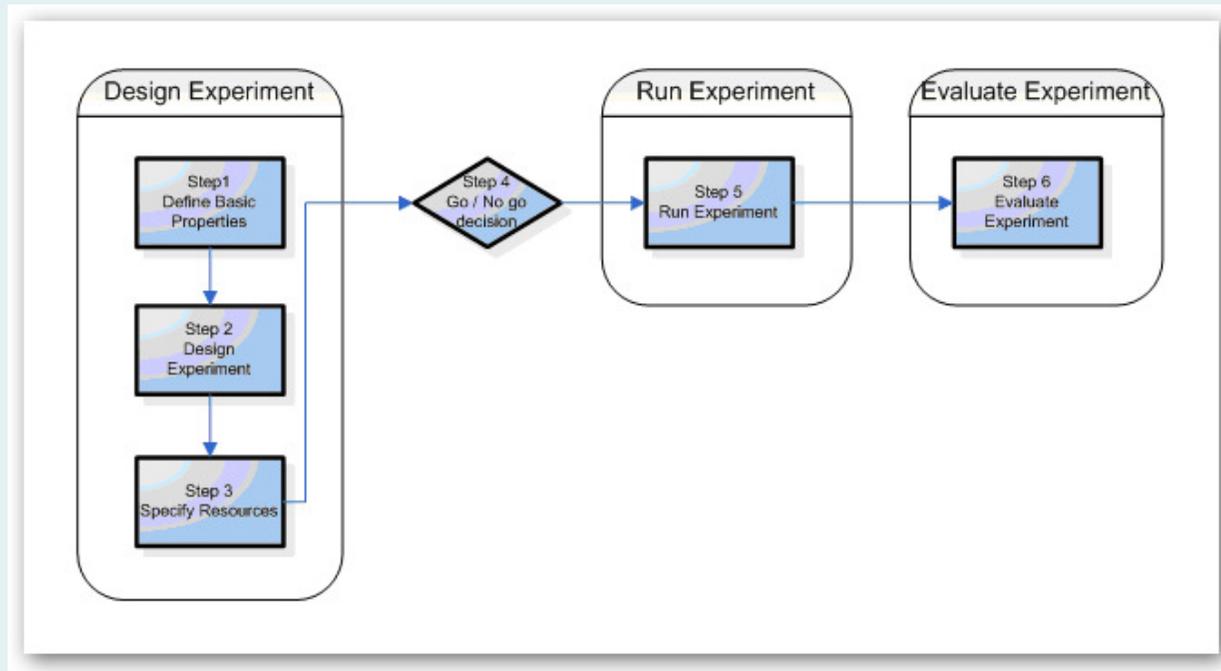
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- ❑ Whether it is useable for you in your specific situation, is up to you to decide
  - Is it ok to keep the text but lose the layout?
  - Is it a problem if the font changes slightly?
- ❑ In the Testbed, the performance of the tool is captured - "objectively"
  - You can use your neighbour's results



# Testbed components - Workflow

- Every experiment follows a fixed experimentation workflow that consists of six steps:



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# □ Experiment steps in detail



# Step 1 – Basic experiment metadata

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- ❑ Information about user
- ❑ Purpose and focus of experiment
- ❑ Reference to previous relevant experiments



## Step 2 – Select experiment type

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- ❑ Experiment types:
  - Identification
  - Validation
  - Characterisation
  - Migration
  - Emulation
- ❑ Browse and select PLANETS services
- ❑ Choose data: from corpora, or upload



## Step 3 – Specify significant properties

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- ❑ Browse ontology
- ❑ Specify which digital object properties to measure
- ❑ Properties are used to evaluate experiment



## Step 4 - Submit

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- ❑ Submit experiment for approval
- ❑ Experiments that use modest resources are automatically approved and executed
- ❑ Administrator can prevent experiment to execute



## Step 5 – Run experiment

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- ❑ User can initiate execution of experiment



## Step 6 - Evaluate

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- ❑ Explore results in detail
  - Often automatically
  - Some manually



And now...

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**Demo!**

