



Testbed

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Brief recap of Testbed



Goal of the Testbed

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



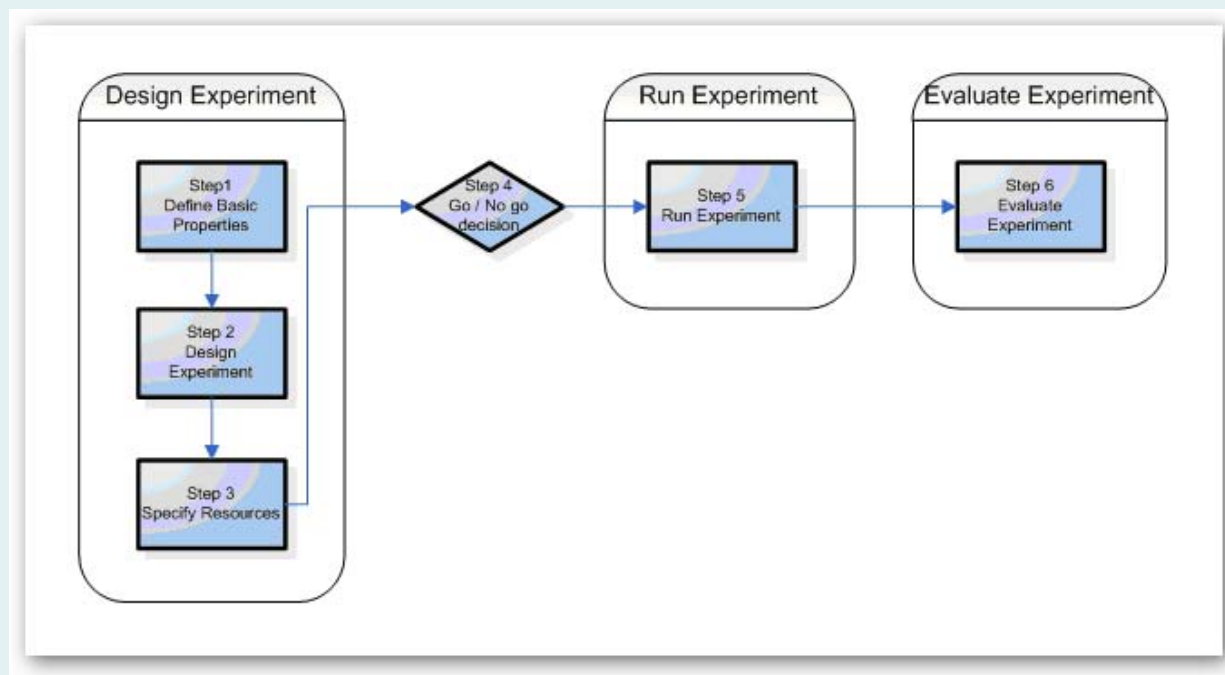
No judgement

- ❑ 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:



Experiment steps in detail



Step 1 – Basic experiment metadata

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



Step 2 – Select experiment type

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



Step 3 – Specify benchmark goals

- ❑ Specify which properties to measure
- ❑ Properties are used to evaluate experiment



Step 4 - Submit

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



Step 5 – Run experiment

- ❑ User can initiate execution of experiment



Step 6 - Evaluate

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



And now...

Demo!

