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2IO71 DBL Information Systems

Tutorial Activiti/Activiti Designer Basics



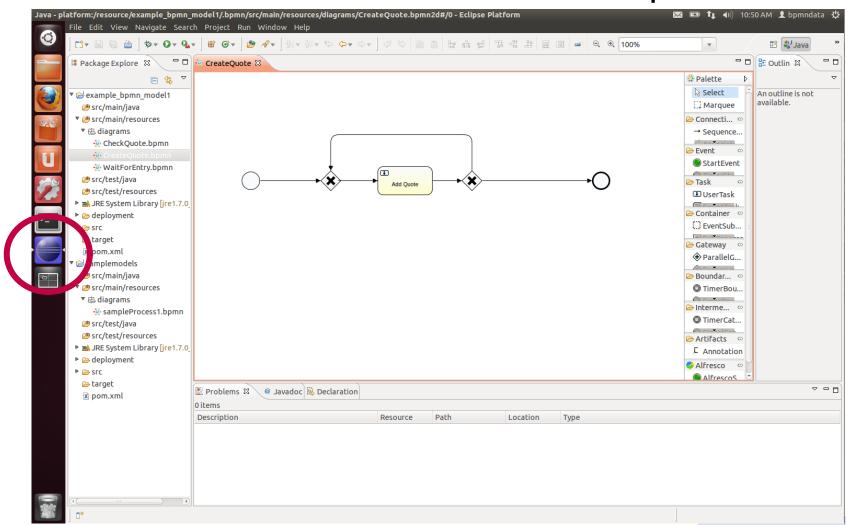


Overview

- 1. Loading Activiti Designer
- 2. Creating New Projects
- 3. Creating/Editing Process Models
- 4. Show the Properties View
- 5. Create a Deployable Process
- 6. Log Into Activiti
- 7. Deploy a Process in Activiti
- 8. Run a Process
- 9. Further Reading

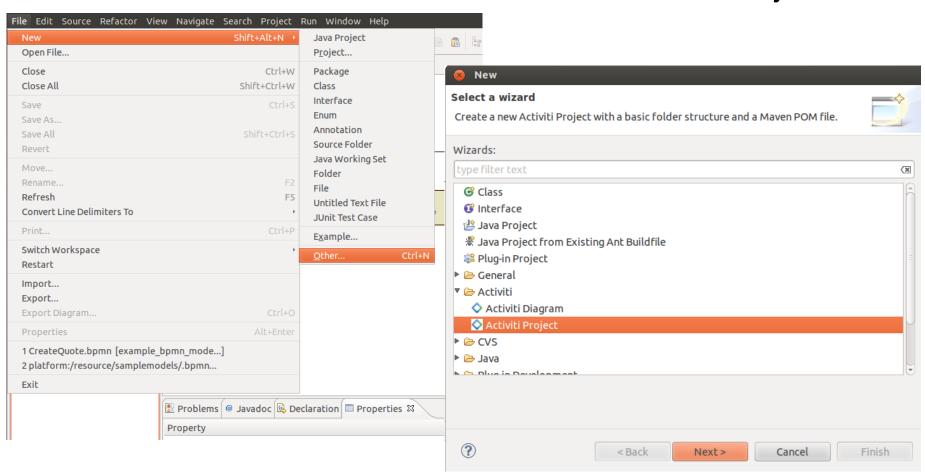
Loading Activiti Designer

Start the Virtual Machine and load Eclipse



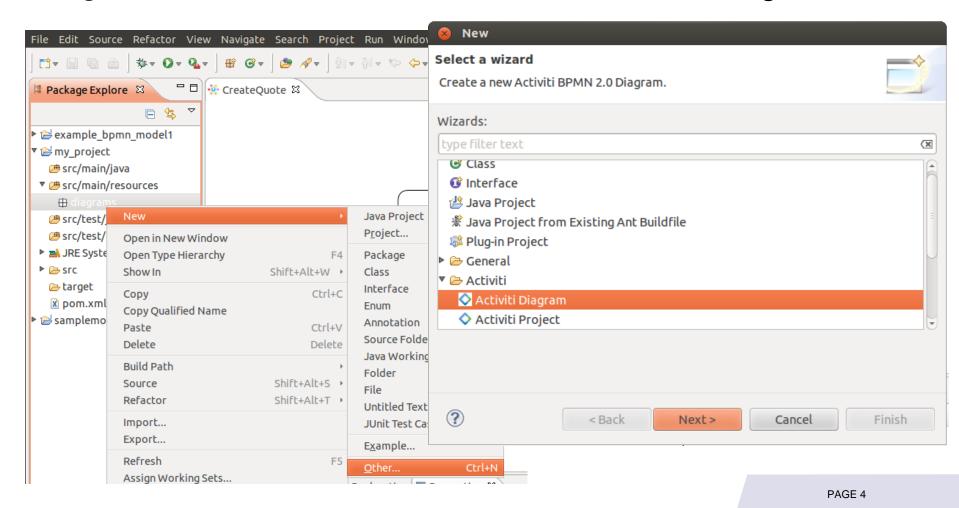
Creating New Projects

File > New > Other... > Activiti > Activiti Project

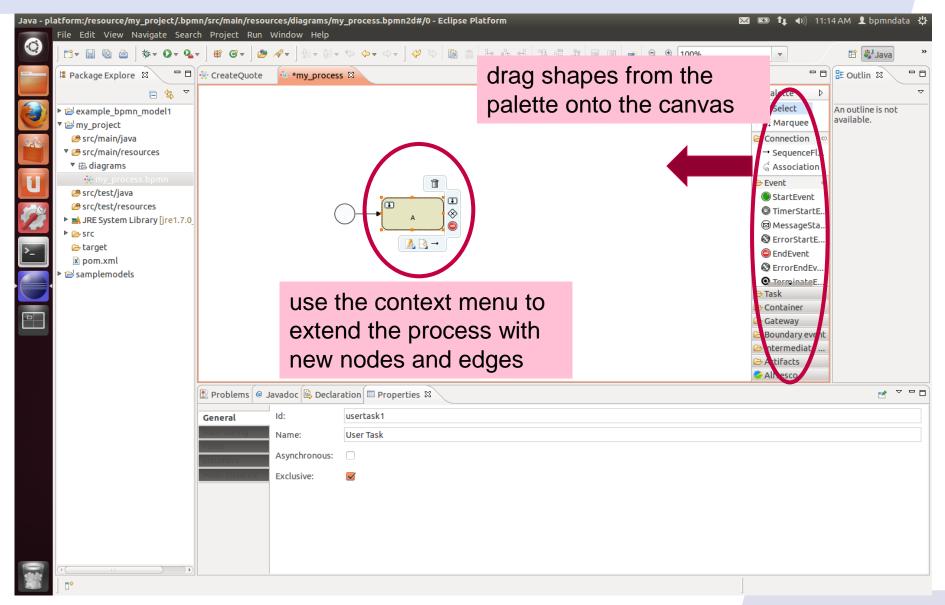


Creating Editing Process Models (1)

- open project>/src/main/resources/diagrams
- right click > New > Other... > Activiti > Activiti Diagram

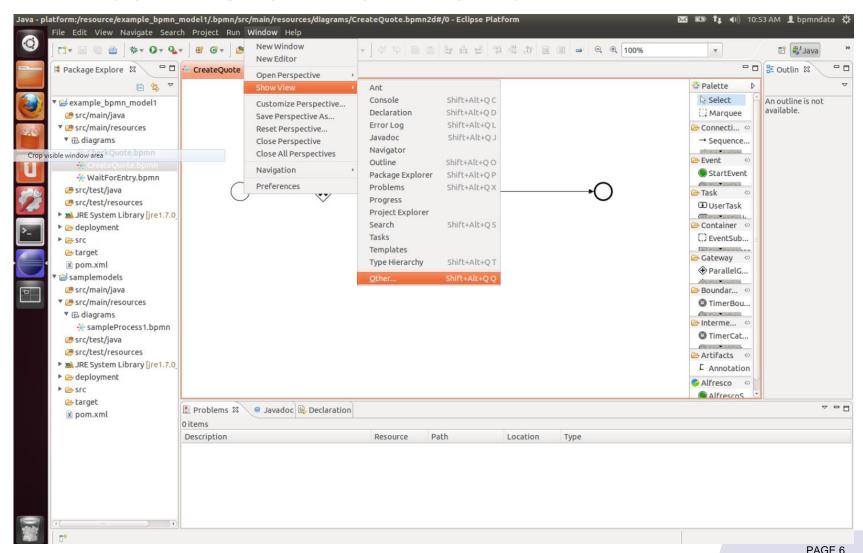


Creating Editing Process Models (2)



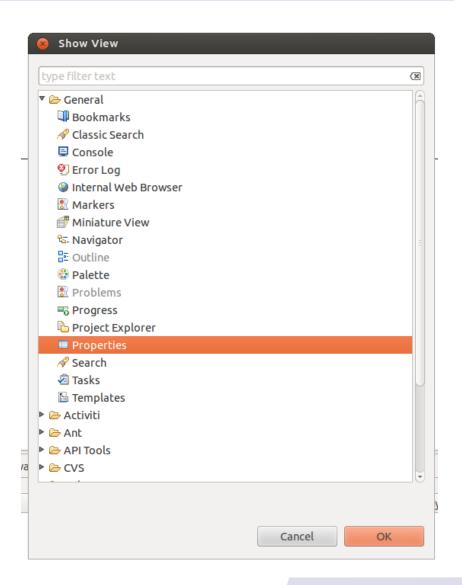
Show the Properties View (1)

Window > Show View > Other...



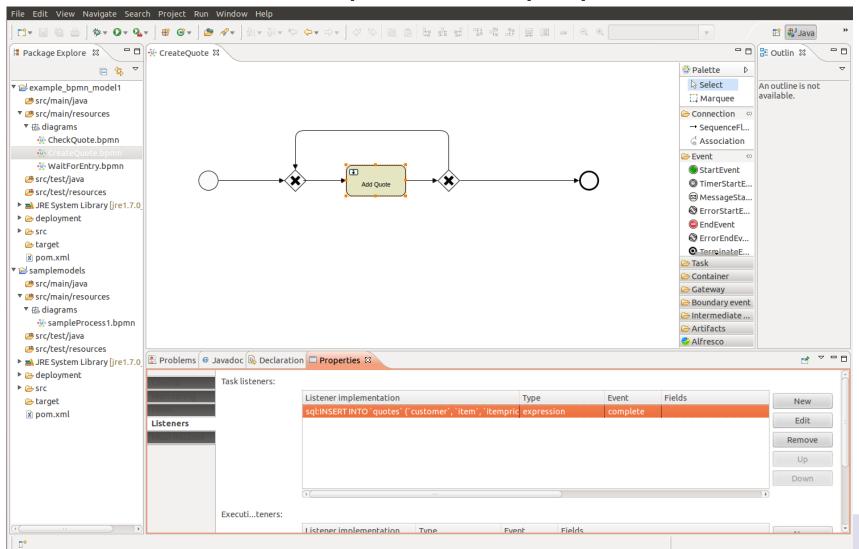
Show the Properties View (2)

select:General > Properties



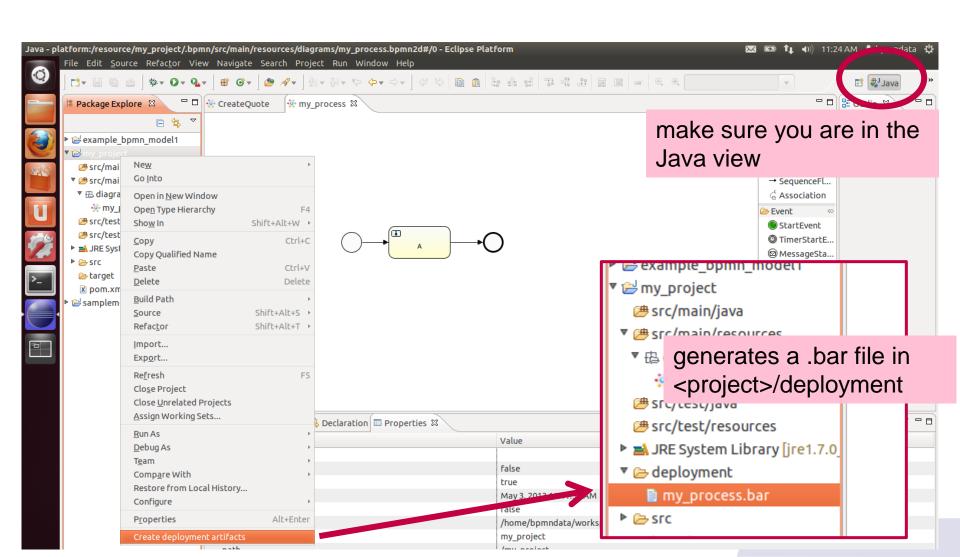
Show the Properties View (3)

Select tasks and explore their properties



Create a Deployable Process

right click on the project > Create deployment artifacts



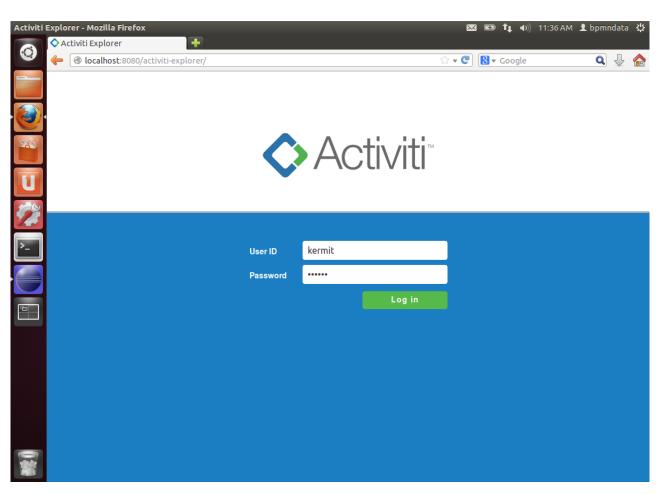
Log Into Activiti (1)

open Firefox, go to: localhost:8080/activiti-explorer/

log in as

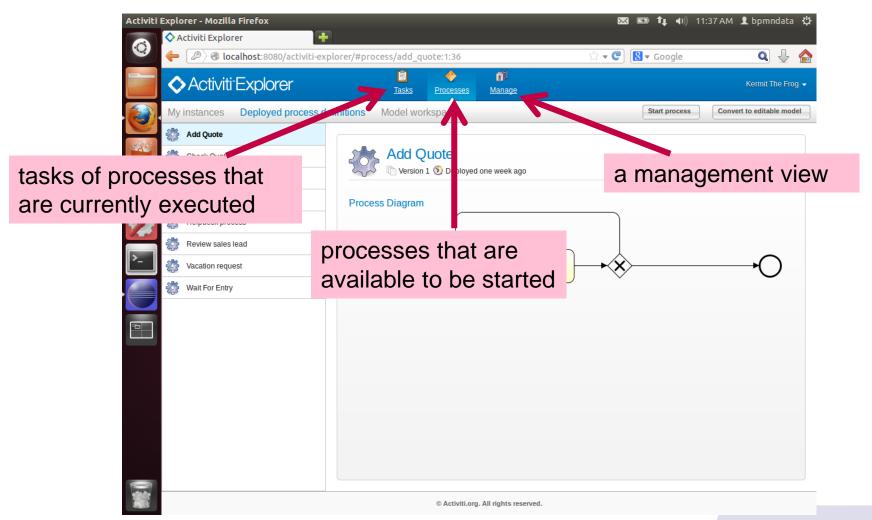
user: kermit

pass: kermit



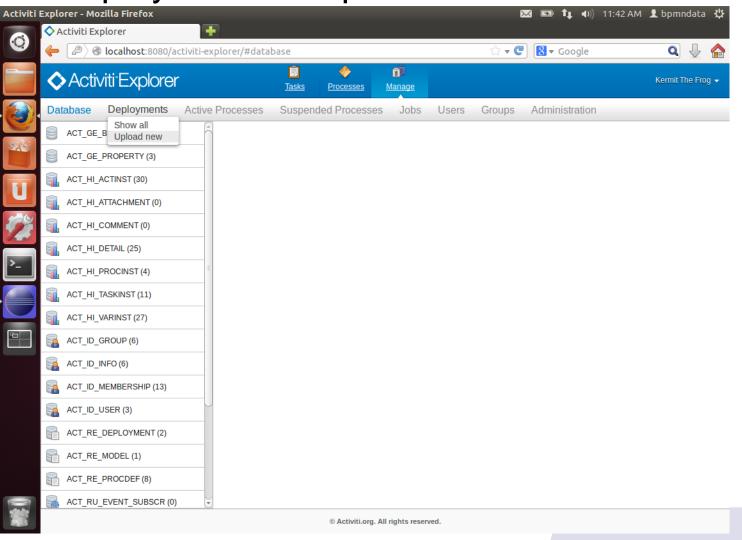
Log Into Activiti (2)

Activiti shows



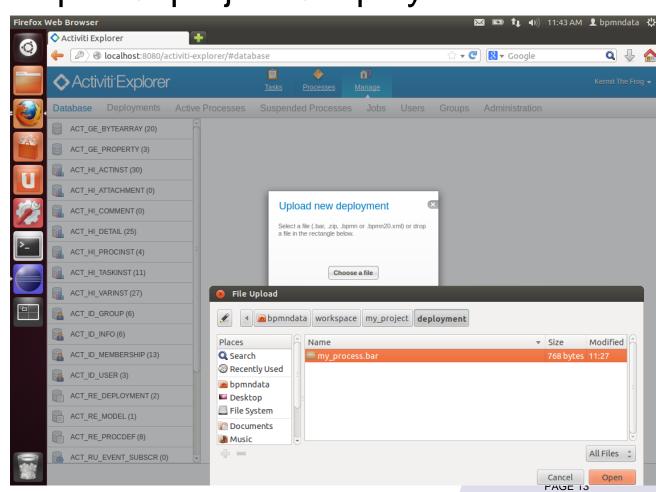
Deploy a Process in Activiti (1)

Manage > Deployments > Upload new



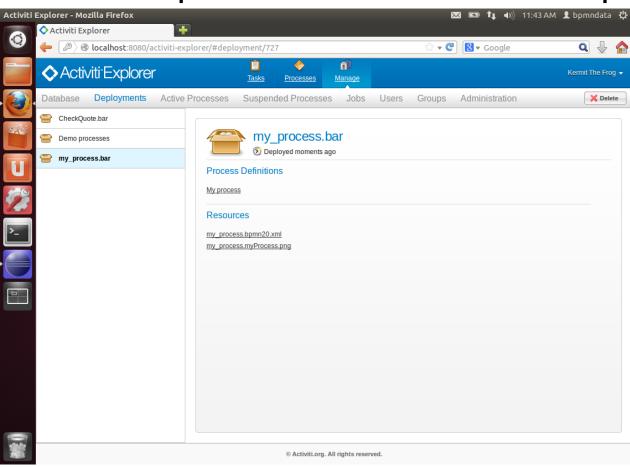
Deploy a Process in Activiti (2)

- choose a file > navigate to:
 bpmndata/workspace//project>/deployment
- select the .bar file
- open
- possible bug: the "File Upload" dialog may be shown a second time, press cancel



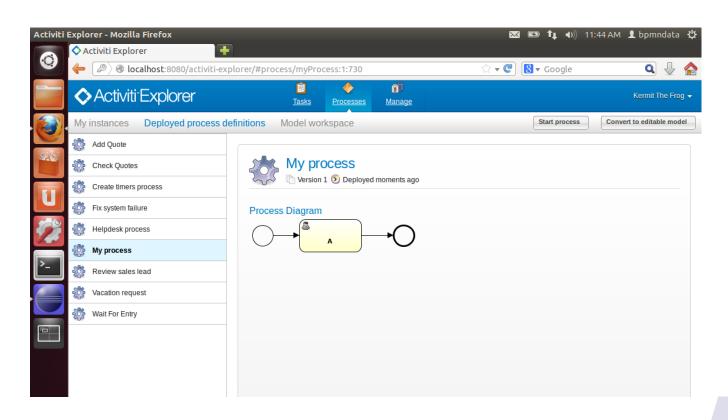
Deploy a Process in Activiti (3)

if the process model has no errors,
 then the new process is listed under deployments



Run a Process

- go to Processes > Deployed process definitions
- select the process of interest
- click "Start Process"



Further Reading (1)

- watch https://www.youtube.com/watch?v=ixF30ozsis4 to see all features of the Activiti UI and how to run processes
- visit https://www.google.nl/search?q=activiti+tutorial, to see more examples of modeling, deploying, and running processes

Further Reading (2)

- Check the example processes that are already deployed in Activiti in the VM
- Important: process execution requires that a task is assigned to a role or a user
 - if the process model specifies for task no role, or a role that is not defined, then the task will not be shown in Activiti, e.g.

example:

- the process "Review Sales Lead" that is deployed in Activiti in the VM has a task "Review Customer Rating" that requires a user with role "accountancy"
- Activiti does not define a user group called "accountancy"
- to execute the process, go to Manage > Groups, create a group "accountancy" (case sensitive!), and add a user to this group



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Good Luck and Enjoy!



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