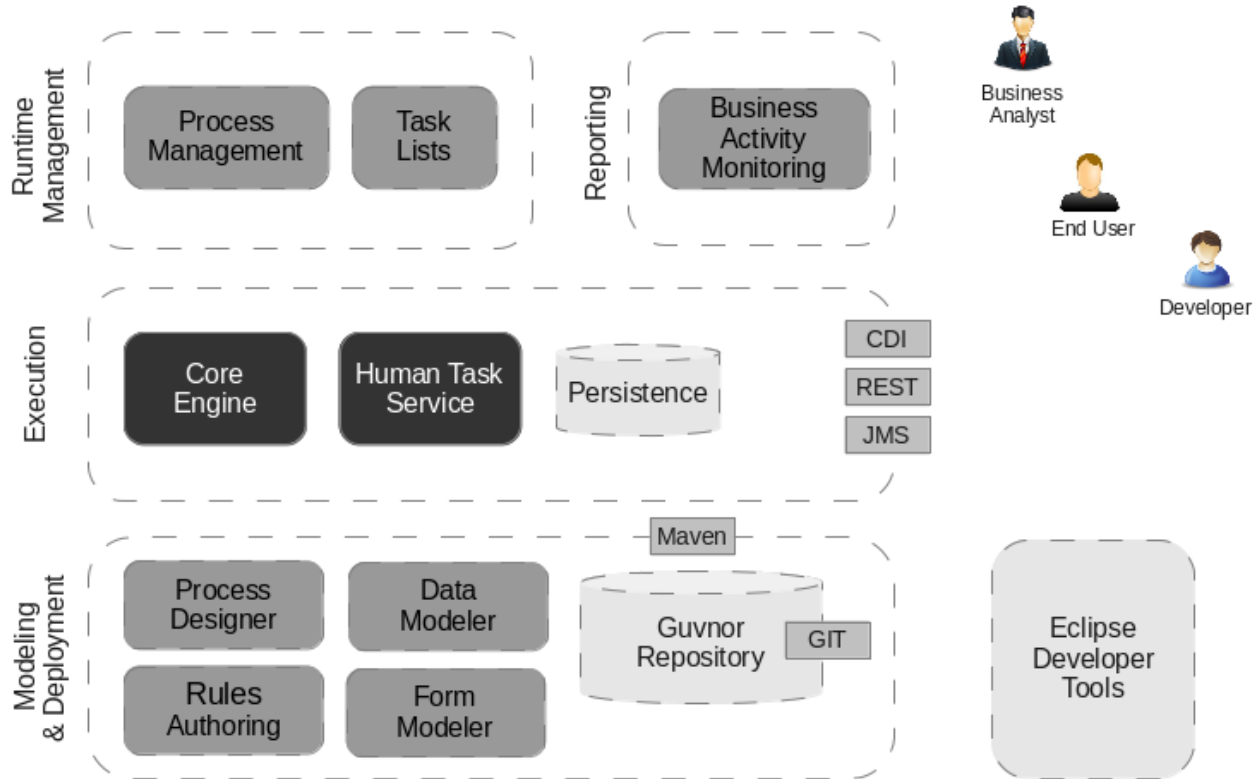# JBoss jBPM hands on

PV207 Anton Giertli

# Components

# Task 1 - get it running

- Open My Computer
- create C:\temp\<login>
- copy C:\temp\PV207\jbpm620Final-clean.zip to C:\temp\<login>
- extract
- START+R - > cmd - > enter
- C:
- cd C:\temp\<login>\jbpm620Final-clean\wildfly-8.1.0.Final\bin
- standalone.bat -Dorg.kie.override.deploy.enabled=true

# Task 2 - explore

- Open http://localhost:8080/jbpm-console in **Firefox**
- Log in with salaboy/salaboy
- salaboy is member of group **admin,analyst,IT,HR,Accounting**
- Authoring - > Project Authoring - > change uf-playground to jbpm-playground -> HR Project - > Hiring business process

# Task 3 - Schedule 'Tech Interview'

- HR Person wants to schedule a Tech Interview
- It can start immediatelly or in X seconds/minutes/hours
- jBPM only accepts format Xs || Xm || Xh
- We want to verify that the Tech Interview was scheduled as expected
- 
- 
- regexp - [0-9][0-9]*[smh]

# Task 4 - Contact Interpol Service

- Before signing the contract we want to verify Interpol records for given candidate
- Interpol has this service exposed via REST
- `localhost:8080/wildfly-servlet-async/interpolService`
- It takes one query parameter in - **?name=#{name}**
- It returns only two possible values - **clean** or **mostWanted** as a String
- Print the service response to STDOUT for debugging purposes:

```
System.out.println("Response from interpol rest resource:"
+processVariableWhichHoldsRestResponse);
```

- If candidate is **mostWanted** then contact Interpol
- If candidate is **clean** then sign the contract

# jBPM vs Bizagi

- Java or MVEL for scipting
- Ease of process import/export - either via *.xml files or using git approach
- Easily customizable
- **Very good logging capabilities** on a server level, easily configurable
- Large and vivid community - forum, irc, mailing lists..
- **OpenSource** - you can see the guts for yourselves https://github.com/droolsjbpm

- Proprietary scripting language
- Cumbersome process import/export
- Strict boundaries
- Very poor debug logging capabilities - root cause never visible in log
- Help forums often 'dead'
- Proprietary

# Implementing project in jBPM?

- Download http://jbpm.org/download/download.html
- Study http://docs.jboss.org/jbpm/v6.2/userguide/
- Consult
- http://webchat.freenode.net/?channels=jbpm%2Cdrools&uio=d4
- http://jbpm.org/community/forum.html
- 418312@mail.muni.cz