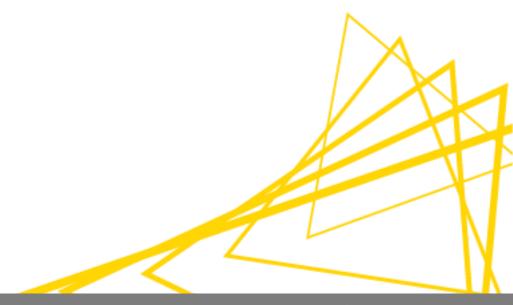


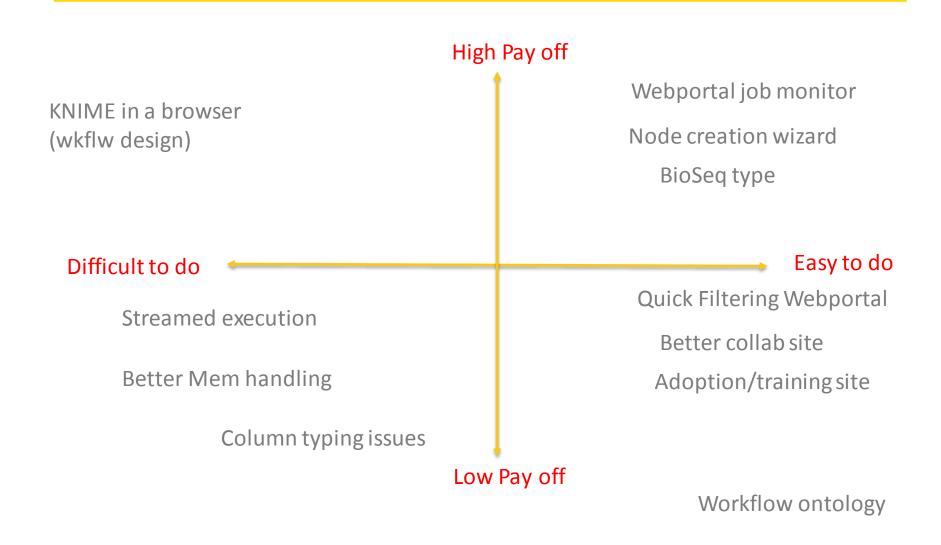
**2nd KNIME Chemistry Workshop** 

Thorsten Meinl KNIME.com AG, Zurich, Switzerland

# **Items from last workshop**



#### **KNIME Core**





## Items from last workshop I

- Webportal Job Monitor
  - On the list for the new server
- Node creation wizard
  - Need details...
- BioSeq type
  - Easy, need input from users
  - Discussion for partner meeting in November (?)

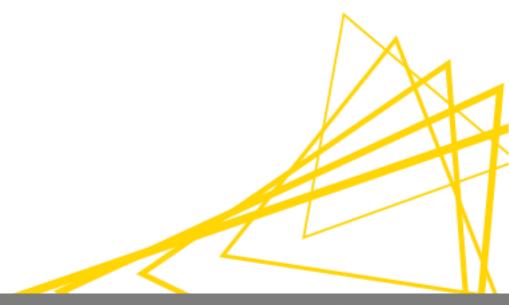
## Items from last workshop II

- Quick filtering Webportal
  - On the list for the new server
- Better memory handling
  - Ongoing process
  - Details of problems would be helpful
- Better collaboration site
  - What about a section in the KNIME Wiki?
- Adoption training site
  - See above

## Items from last workshop III

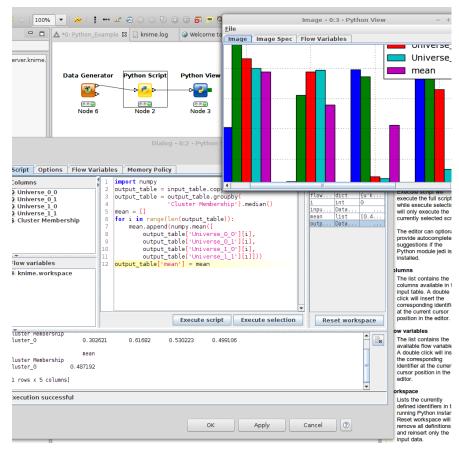
- Column typing issues
  - Should get better with the auto-conversion
- Workflow Ontology
  - Need details

# What's cooking



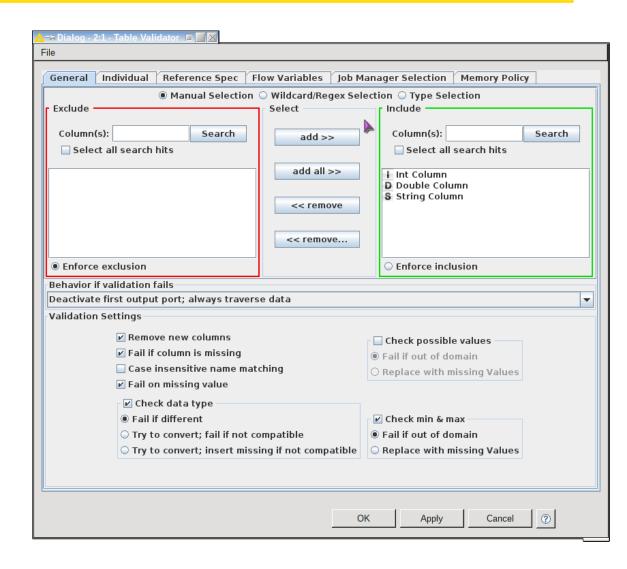
## **Interactive Python scripting**

Python nodes similar to the Interactive R nodes



#### **Data Validation Node**

Compares
incoming table
to a reference
and reports
differences

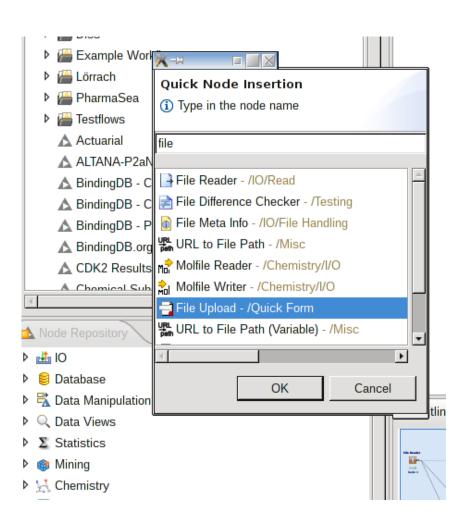


#### **JSON Nodes**

Allow reading, manipulating and writing JSON similar to the XML nodes

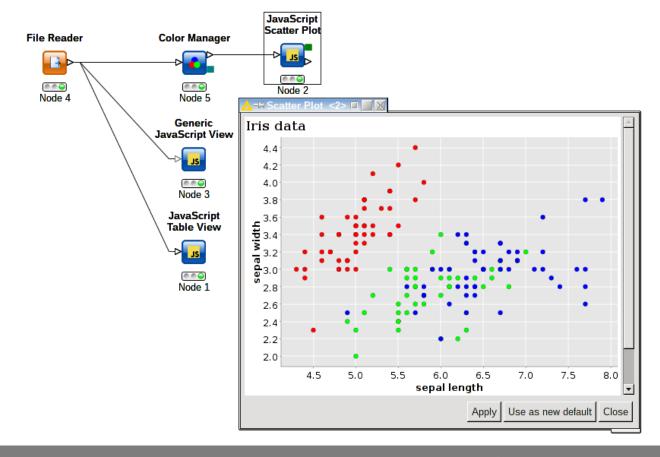
### **Quick Node Insertion**

Ctrl-Space, Search, Enter



## **JavaScript Nodes**

- Same representation in Client and Webportal
- Interactivity



#### Server 4.0

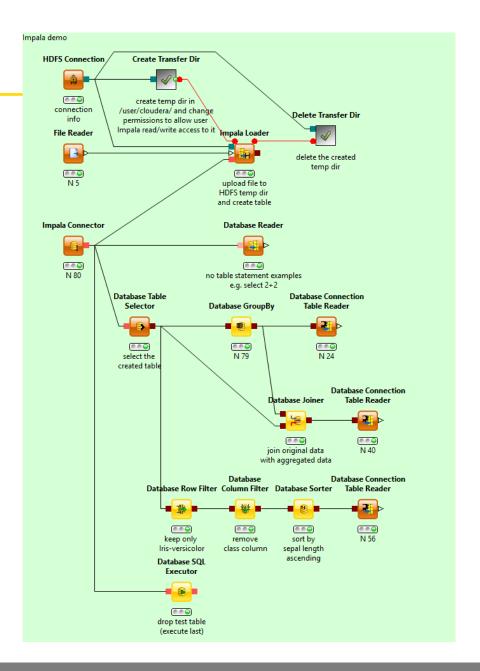
- Based on Tomcat (TomEE)
- REST interface
- All new features added to new server
  - Crontab-like scheduling mechanism
  - Streaming
  - Server-managed client licenses
  - Administrator view
- Old Glassfish-based server will only receive bugfixes

### **Workflow Diff**

- Compare two versions of a workflow
- First step textual
- Second step graphical

## **BigData Nodes I**

- Connectors to Hive & Impala
  - Use existing DB nodes further down
- Connector to HDFS for file up- and download





## **BigData Nodes II**

