



# Other Community Projects: Overview

# Community Contributions?

- Open Source extensions for KNIME
- Provided by community developers
- First projects in December 2010
- Currently 10 projects, more to come
- Source code repository, build system, web pages and forum provided by KNIME
- Installable via an Update Site
  - Nightly and stable builds



# How to get

<http://tech.knime.org/community>

# KNIME Open Source Days

- Get-together of all community developers in Konstanz last October
- Project presentations, Discussions, Happy hacking



# Current projects

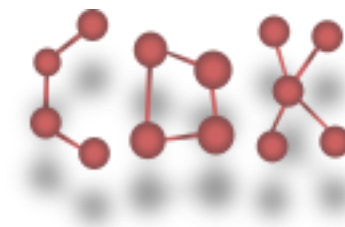
- RDKit
  - Chemoinformatics library
- Indigo
  - Chemoinformatics library
- Erlwood Chemoinformatics
  - huge collection of nodes geared towards pharmaceutical research
- CDK
  - integration of the well-known Java library for structural chemo-and bioinformatics



Open-Source Cheminformatics  
and Machine Learning



Erl  
Wood  
Cheminformatics



# Current projects

- HCS Tools
  - Collection of nodes for high content screening
- Scripting integrations
  - For R, Groovy, Matlab, Python
- Palladian
  - Integration of the information retrieval toolkit
- KNIME Image Processing
  - Huge collection of image processing nodes



# Current projects

- Octave
  - Integration of GNU Octave scripts
- NGS Tools
  - a collection of example flows and utility nodes for processing next generation sequencing results



# Soon to come

- BALL project
  - Biochemical algorithms library
- SeqAn
  - Integration of the C++ SeqAn library for sequence analysis

