



General Info



CIBIV

Center for Integrative Bioinformatics Vienna

- Center for Integrative Bioinformatics Vienna
Part of MFPL at the Vienna Biocenter



HPC-Setup



- 110 hosts, with 6 highmem nodes (500GB-1TB)
- 1200 cores, including GPUs
- SGE, BeeGFS, Infiniband
- ~ 200 TB storage (FC-direct attached)
- OS is all Linux (SuSe)
- > 200 software tools
- Focus on Inhouse SW-development

Personnel at CIBIV



CIBIV
Center for Integrative Bioinformatics Vienna

- Prof. Arndt von Haeseler
- ~ 20 Scientific staff
- Students
- 1 IT-Administrator

Scientific use cases



- Phylogeny
- NGS
- Sequence evolution
- Complex patterns of evolution
- Methods for analysis of 3rd gen. Sequencing
- Biomathematics

- Cibiv Publications at
<http://www.cibiv.at/publications/>

Thoughts & comments



- Build a representative platform for Austrian bioinformatics activities
- Exchange experience
- Faciliate building of services for scientific community