



CSC HPC resources

CSC –Tieteen tietotekniikan keskus
Kylli Ek

CSC HPC resources

- [Sisu](#) supercomputer
- [Taito](#) supercluster
- [Taito-shell](#) application server
- [Taito Accelerator Partition \(GPU\)](#)
- [cPouta](#) general-purpose IaaS cloud
- [ePouta](#) secure private cloud for organizations
- [Finnish Grid Infrastructure](#) grid computing
- [Database service](#) (inc. PostGIS)

Taito / Taito-shell

- Mostly pre-installed software. Users can install software for private use to their home directory
- R
- Python
- GDAL/OGR
- Proj4
- SagaGIS
- QGIS available for testing
- What do you need?

Pouta

- The user installs all the software, almost anything should be possible
- ArcGIS
- PostGIS
- Blueprints
- Linux is the default, but Windows also available

Accounts

- Using CSC resources is mostly free of charge for university users.
- For others the price list can be found here: <https://research.csc.fi/pricing-of-computing-services> (890€ / 10 000 CPU core hours)
- University users can create an account themselves in SUI: <https://research.csc.fi/accounts-and-projects>

Support

- CSC service desk:
servicedesk@csc.fi
+3589 457 2821
Mon-Fri 8:30-16:00
- Help
- Installation requests
- [Code optimization](#)

GIS courses 2016/2017

- QGIS, 28-29.11.2016
- GeoServer, spring 2017
- Geopython, autumn 2017

- What else?



GeoServer



CSC general courses 2016/2017

- 7-8.11 Linux 2
- 17-18.11 Data Intensive Analysis with R
- 23.1-24.1 Linux 1
- 13.2 Using CSC Environment Efficiently
- Python in high-performance computing
- cPouta Cloud
- Advanced Linux

Guidelines and news

- Guidelines

<http://research.csc.fi/gis-guidelines>

- [Computing and GIS](#)
- [ArcGIS computing](#)
- [GIS software](#)

- GIS@CSC news

- GIS@CSC e-mail list

<http://research.csc.fi/gis-csc-news>

Contact

<http://research.csc.fi/geosciences>

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