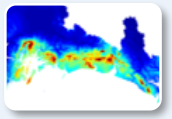
ssh terminal access
- run scripts to operate on data within ADAPT

```
[2017-03-06 17:22.09]  ~
[AnthonyArendt.DESKTOP-DQG994V] > ssh
```

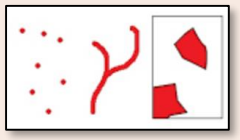
secure ftp
- copy needed files to local computer
- use ADAPT only as a file storage service

Raster (gridded)

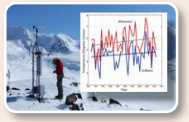
e.g remote sensing data; climate grids

Vector (point, line, polygon)



rivers; glacier polygons, weather station locations

Time series



air temperature at a weather station

Share data internally to HiMAT?
-> preliminary products; not for distribution; needs QC

ADAPT
-> simple file structure: store datasets in folders
-> especially suitable for large grids
-> full MODIS, Landsat archive
-> only approved HiMAT members can access

geoserver
-> temporary data service in the commercial cloud (Amazon Web Service)
-> password protection on himat.org

relational database
- the existing GLIMS database
- password protection

Share data to the world?
-> full metadata, QC

NSIDC DAAC

web browser
- download files from himat.org and nsidc.org using web map interface

direct connection
- access data directly within local GIS software, Matlab/Python scripts

web browser
- ftp access