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ESGF Data Visibility API

Accessible API for querying counts of datasets published on ESGF¹. This service currently serves information for CORDEX, CMIP5, obs4MIPs and ana4MIPs projects. The url is [?https://esg-dn1.nsc.liu.se:8843/api/datavisibility](https://esg-dn1.nsc.liu.se:8843/api/datavisibility)

It lists number of datasets published on datanodes, by project and also the number of datasets 'seen' by each federation index node. This information is

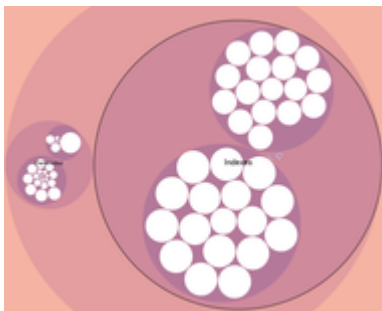
```
{
  "Datanodes": {
    "CMIP5": {
      "adm07.cmcc.it": 697,
      "bccsm.cma.gov.cn": 3796,
      "bmbf-ipcc-ar5.dkrz.de": 6490,
      "cmip-dn1.badc.rl.ac.uk": 10255,
      "cmip5.fio.org.cn": 185,
      "dapp2p.cccma.ec.gc.ca": 9297,
      "dias-esg-nd.tkl.iis.u-tokyo.ac.jp": 7584,
      "esg-dn1.nsc.liu.se": 1840,
      "esg.bnu.edu.cn": 241,
      "esg.cnrm-game-meteo.fr": 2877,
      "esg.lasg.ac.cn": 1090,
      "esg01.nersc.gov": 110,
      "esg2.e-inis.ie": 2913,
      "esgdata.gfdl.noaa.gov": 5723,
      "esgdata1.nccs.nasa.gov": 4465,
      "esgf.extra.cea.fr": 690,
      "esgnode2.nci.org.au": 1565,
      "noresg.norstore.uio.no": 0,
      "pcmdi7.llnl.gov": 186,
      "pcmdi9.llnl.gov": 243,
      "tds.ucar.edu": 5528,
      "vesg.ipsl.fr": 3765
    },
    "CORDEX": {
      "carbon.dkrz.de": 4701,
      "cordexesg.dmi.dk": 5394,
      "data.meteo.unican.es": 228,
      "esg-dn1.nsc.liu.se": 27804,
      "esgf-data1.ceda.ac.uk": 1004,
      "esgf.extra.cea.fr": 200,
      "noresg.norstore.uio.no": 0
    },
    "ana4MIPs": {
      "esgdata1.nccs.nasa.gov": 8,
```

refreshed once every four hours.

Circle packing of the available datasets

Circle packing of the available datasets from the CMIP5 exercise (Datanodes and Indexes) by PBrockmann. Click on any package to zoom in or out.²

<http://bl.ocks.org/PBrockmann/09571d7326e2ca057ede>



See Also

- [ESGF Node Installation](#)
- [ESGF Cordex Data Publication](#)
- [ESGF-Security](#)

1. [1. https://github.com/ESGF/esgf.github.io/wiki/ESGF-Data-Visibility-API](https://github.com/ESGF/esgf.github.io/wiki/ESGF-Data-Visibility-API)
2. [2. https://gist.github.com/PBrockmann/09571d7326e2ca057ede](https://gist.github.com/PBrockmann/09571d7326e2ca057ede)