TOAR Data Technical Guide #4

TOAR-II Source Code

toar-data.fz-juelich.de

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The TOAR Data Team

Forschungszentrum Jülich GmbH
ESDE | JSC - FSD
52425 Jülich

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TOAR-II SOURCE CODE

All software that is needed to run the TOAR data infrastructure is publicly available.

1.1 TOAR-II Services

- REST API to access TOAR V2[1]
- GUI (graphical user interface) to access TOAR V2[2]
- REST API service for flux-based vegetation damage assessment[3]
- REST API service for bulk data downloads and statistics on TOAR data[4]
- REST API to GEO PEAS (GEOdata Point Extraction and Aggregation Service)[5]

1.2 TOAR-II Tools

- REST API to access gridded (map) data[6]
- toarstats[7]
- toarqc[8]
- OpenAQ[9]

[1] https://gitlab.jsc.fz-juelich.de/esde/toar-data/toardb_fastapi
[2] https://gitlab.jsc.fz-juelich.de/esde/toar-data/toar-ii-dashboard
[3] https://gitlab.jsc.fz-juelich.de/esde/toar-data/do3se-web-service
[4] https://gitlab.jsc.fz-juelich.de/esde/toar-data/toar-ii-analysis-service
[5] https://gitlab.jsc.fz-juelich.de/esde/toar-data/geopeas
[6] https://gitlab.jsc.fz-juelich.de/esde/toar-public/toargridding
[7] https://gitlab.jsc.fz-juelich.de/esde/toar-public/toarstats
[8] https://gitlab.jsc.fz-juelich.de/esde/toar-public/toarqc
[9] https://gitlab.jsc.fz-juelich.de/kreshpa1/openaqhistoricalingestion

1.3 TOAR-II Landing Page

- TOAR-II Landing Page[10]

[10] https://gitlab.jsc.fz-juelich.de/esde/toar-data/toar-data-landing-page