

TISDAR

The Thünen-Institute Spatial Data Repository

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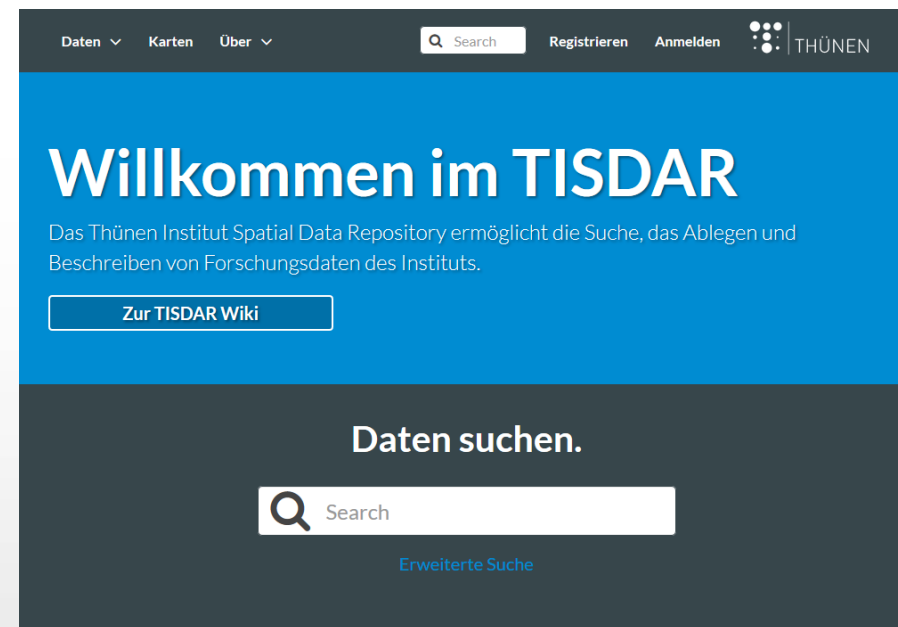
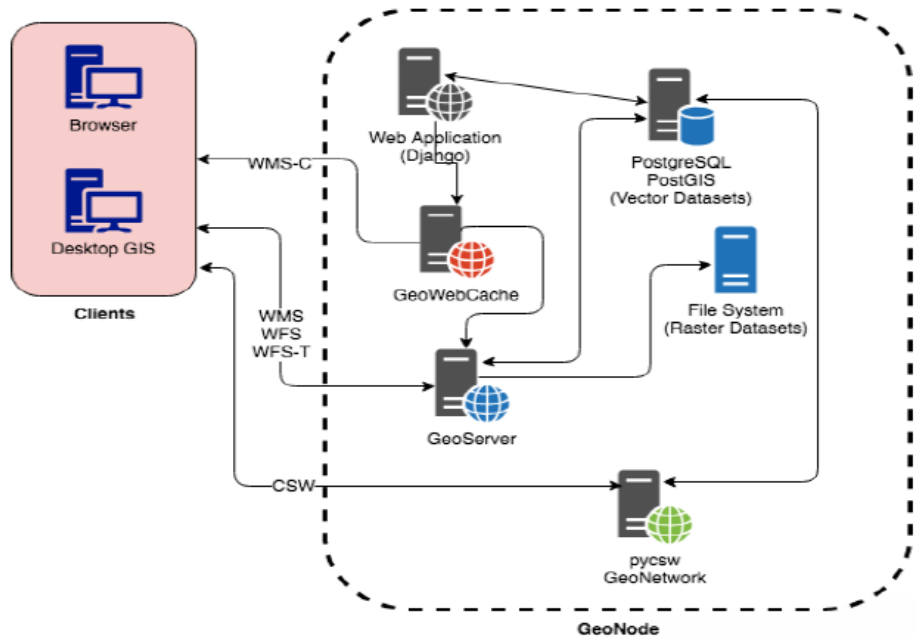
Needs Analysis

Demand for an easy to use spatial data hub

- Web portal to find, use and upload data
- Support for metadata acquisition
- Open-source
- easy

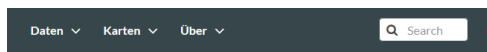
Meet TISDAR a GeoNode Fork

PostgreSQL + PostGIS
Django + NGINX
pycsw
GeoServer + GeoWebcache
MapStore 2



Some ,Killer Features‘

from e.g. Shapefile



Ebenen hochladen

Files upload area with a dashed border and a cloud icon with an upward arrow. Text: "Dateien hierauf ziehen". Below it, a "Dateien wählen" button and a "Dateien, die hochgeladen werden" section with a "Zeichensatz wählen oder die Standardinstellungen belassen" dropdown set to "UTF-8/Unicode". At the bottom are "Löschen" and "Dateien hochladen" buttons.



Edit Layer

Panel for editing a layer with four main sections: Metadata, Styles, Thumbnail, and Layer. Each section has a set of buttons: Metadata (Wizard, Advanced Edit, Upload Metadata), Styles (Edit, Upload, Manage), Thumbnail (Set, Upload), and Layer (Replace, Edit data, Remove). A "Close" button is at the bottom right.

magic

to OGC service



GeoNode's Web Services

GeoNode's Web Services are available from the following URLs:

Dynamic tiles via WMS:	WMS 1.1.1
Vector data via WFS:	WFS 1.1.0
Raster data via WCS:	WCS 1.1.1
Metadata search via CSW:	CSW 2.0.2
Metadata search via OpenSearch:	OpenSearch 1.0
Metadata search via OAI-PMH:	OAI-PMH 2.0
Open Data:	data.json
Cached tiles via WMTS:	WMTS 1.0.0

Some ,Killer Features‘

Vogelschutzgebiete Deutschlands (SPA) 2019

Map interface showing bird protection areas (SPA) in Germany for 2019. The map includes a toolbar with options like Print, Zoom, and Navigation. Below the map, there are buttons for Info, Attribute, Teilen, Bewertungen, and Kommentare. A table below the buttons lists attributes for the SPA data.

Attributname	Label	Beschreibung	Wertebereich	Durchschnitt	Median	Standardabweichung
NAME		Gebietsname nach Standarddatenbogen	NA			
BFN_ID		Eindeutige Kennziffer Vergabe durch BfN	NA			
BL		Bundeslandkürzel nach Statistischem Jahrbuch	NA			
ID		Länderspezifische Kennung mit	NA			

Sidebar menu for the SPA layer. It contains buttons for 'Ebene herunterladen', 'Metadatendetail', 'Ebene ansehen', and 'Metadaten herunterladen'. Below these are sections for 'Legende', 'Karten die diese Ebene benutzen', 'Eine Karte mit dieser Ebene erstellen', and 'Stile'. A black arrow points to the 'Ebene herunterladen' button.

Ebene herunterladen

Metadatendetail

Ebene ansehen

Metadaten herunterladen

Legende
A cyan polygon style
■ cyan polygon

Karten die diese Ebene benutzen
Diese Ebene wird in keiner Karte verwendet.

Eine Karte mit dieser Ebene erstellen
Schaltfläche unterhalb klicken, um eine neue Karte basierend auf dem Layer zu generieren.
Karte erstellen

Stile
Die folgenden Stile sind mit dieser Ebene verknüpft. Wählen Sie einen Stil aus, um ihn in der Vorschaukarte anzuzeigen.

We as part of the GeoNode community

- Member of the project steering committee
- Strengthen the ‚scientific view‘



Alessio Fabiani
afabiani

Edit profile

57 followers · 3 following · 3

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Organizations



Giovanni Allegri
giohappy

Follow

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Organizations



Florian Hoedt
gannebamm

Geoinformatics guy. Likes to boulder and go birding.

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https://www.thuenende.de/infrastrukt...

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t-back

yesterday and tomorrow.

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Organizations



Francesco Bartoli
francbartoli

Security and spatial IT geek with opinionated mind to openness. Hugely passionate of mountain landscape and activities.

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Organizations



The GeoNode PSC



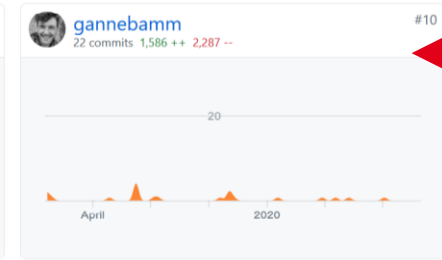
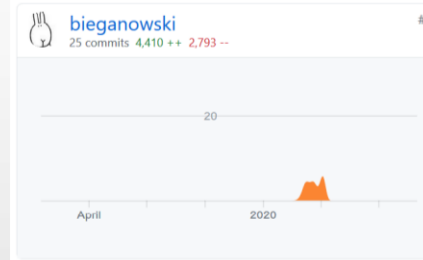
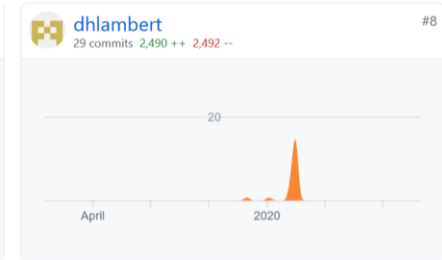
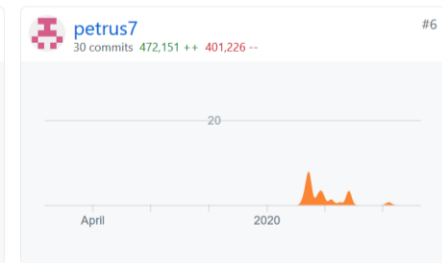
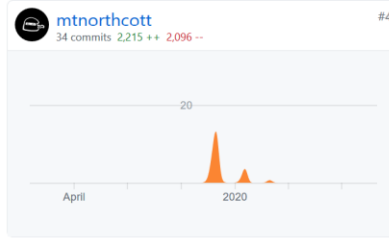
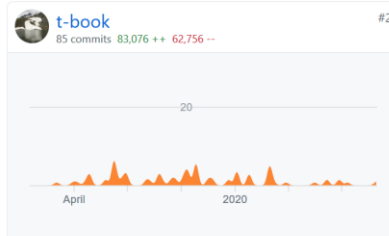
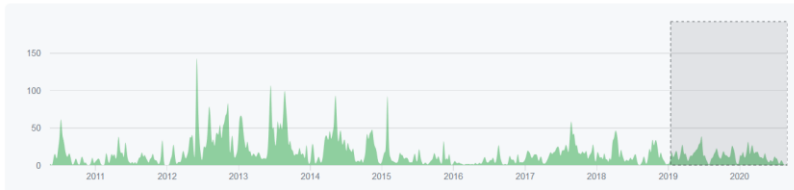
We as part of the GeoNode community

- Upstream developer (bugfixes, translations, features)
- Host for GeoNode Summit 2021

Jan 15, 2019 – Sep 1, 2020

Contributions: Commits

Contributions to master, excluding merge commits



What's next?

- Technical basis for new Thünen Atlas (Q1/2 2021)
 - REST API
 - React based Single Page Application
- Datacite metadata schema to forge DOIs
- Building block for NFDI4Agri spatial data hub reference implementation