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% Fork 369 Star 1.7k natural-earth-vector Public ⊙ Unwatch 76 ▼ ₽ master ◄ Add file 🔻 <> Code -Q Go to file About t A global, public domain map dataset ca96624 · 2 years ago 1,143 Commits nvkelso marine for both #697 and #735 available at three scales and featuring tightly integrated vector and raster data. fix **#736** St Helena wikidata id and name translations 10m_cultural 2 years ago & www.naturalearthdata.com/ **#735** marine area remastering **1**0m_physical 2 years ago gis naturalearthdata dataset map fix **#736** St Helena wikidata id and name translations 110m_cultural 2 years ago Readme **110**m_physical **#735** marine area remastering 2 years ago View license - Activity fix **#736** St Helena wikidata id and name translations 2 years ago 50m_cultural ☆ 1.7k stars 50m_physical **#735** marine area remastering 2 years ago • **76** watching geojson v5.1.2 2 years ago **%** 369 forks Report repository fix **#736** St Helena wikidata id and name translations housekeeping 2 years ago packages/Natural_Earth_quick_start **#735** marine area remastering 2 years ago Releases 8 tools handle UPPER/lower casing 3 years ago ♥ v5.1.2 (Latest) on May 14, 2022 Github formatting updates 7 years ago + 7 releases **zips** Minor fix to restore missing Brcko District and portion of Re... 10 years ago Contributors ¹⁰ dockerignore docker: some minor fixes 6 years ago .gitattributes add .gitattributes (force LF line endings on checkout) 6 years ago 🗋 .gitignore ignore prerelease ZIPs 3 years ago travis.yml wikidata: add fast test mode (run only 110m) - workaround... 6 years ago Languages CHANGELOG marine for both #697 and #735 2 years ago • Makefile 2.3% • **HTML** 96.1% Dockerfile Dockerfile : add zip 6 years ago • **Python** 0.9% ● **R** 0.4% ● **Shell** 0.2% • **Rich Text Format** 0.1%

Makefile	add ISO, TLC, and housekeeping targets	2 years ago	
README.md	Fix markdown of headlines in README.md	7 years ago	
UPDATE_PROCEDURE.md	Formatted, thanks Github	7 years ago	
VERSION	bump to v5.2.0-pre	2 years ago	
C live	live target tracking files	12 years ago	
live_ne	store the new v3 files in all their cp, readme, version glory; n	11 years ago	
name_localization_via_wikidata_copy.sh	add wikidata localization copy script, rename earlier to fetch	4 years ago	
name_localization_via_wikidata_fetch_write.sh	add wikidata localization copy script, rename earlier to fetch	4 years ago	
r un_all.sh	update Wikidata scripts for Farsi, Chinese simplified, Chinese	inese 3 years ago	
🗋 zip	new zip tracking file for the zips	12 years ago	
README Icense			

Update for new Github markdown rules

Get the full scoop at <u>NaturalEarthData.com</u>

No, really! This readme is a poor substitute for the live site.

About Natural Earth Vector

Natural Earth is a public domain map dataset available at 1:10m, 1:50m, and 1:110 million scales. Featuring tightly integrated vector (here) and raster data (over there), with Natural Earth you can make a variety of visually pleasing, well-crafted maps with cartography or GIS software.

Natural Earth was built through a collaboration of many volunteers and is supported by NACIS (North American Cartographic Information Society), and is free for use in any type of project (see our Terms of Use page for more information).

Get the Data »

LICENSE.md



Convenience

Natural Earth solves a problem: finding suitable data for making small-scale maps. In a time when the web is awash in geospatial data, cartographers are forced to waste time sifting through confusing tangles of poorly attributed data to make clean, legible maps. Because your time is valuable, Natural Earth data comes ready-to-use.



Neatness Counts

The carefully generalized linework maintains consistent, recognizable geographic shapes at 1:10m, 1:50m, and 1:110m scales. Natural Earth was built from the ground up so you will find that all data layers align precisely with one another. For example, where rivers and country borders are one and the same, the lines are coincident.

A 50m-admin-0-countries_area (242 areas selected				
S COUNTRYNAM	R SCALERANKT	S FEATURECLA	S SOVE	
Afghanistan	1.00000000000	Countries	Afghanis	
Aland	3.0000000000	Countries	Finland	
Albania	1.00000000000	Countries	Albania	
Algeria	1.00000000000	Countries	Algeria	

GIS Attributes

Natural Earth, however, is more than just a collection of pretty lines. The data attributes are equally important for mapmaking. Most data contain embedded feature names, which are ranked by relative importance. Other attributes facilitate faster map production, such as width attributes assigned to river segments for creating tapers.

Versioning

The 2.0 release in 2012 marked the project's shift from so-called marketing versions to semantic versioning.

Natural Earth is a big project with hundreds of files that depend on each other and the total weighs in at several gigabytes. SemVer is a simple set of rules and requirements around version numbers. For our project, the data layout is the API.

- Version format of X.Y.Z (Major.Minor.Patch).
- **Backwards incompatible** changes, increment the major version X.
- Backwards compatible additions/changes, increment the minor version Y
- **Bug fixes** not affecting the file and field names, patch version Z will be incremented.

Major version increments:

- Changing existing data file names
- Changing existing data column (field) names
- Removing FeatureCla field attribute values
- Additions, deletions to admin-0
- Introduce significant new themes

Minor version increments:

- Any shape or attribute change in **admin-0**
- Additions, deletions, and any shape or attribute changes in admin-1
- Additions, deletions to any theme
- Major shape or attribute changes in **any theme**
- Adding, changing FeatureCla field attribute values
- Introduce minor new themes

Patch version increments:

- Minor shape or attribute changes in **any theme**
- Bug fixes to shape, attributes in **any theme**

Under this scheme, version numbers and the way they change convey meaning about the underlying code and what has been modified from one version to the next.

When we introduce a new version of Natural Earth, you can tell by the version number how much effort you will need to extend to integrate the data with your map implementation.

- **Bug fixes Z**: can simply use the new data files, replacing your old files.
- **Minor version Y**: limited integration challenges.
- Major version X: significatnt integration challenges, either around changed file strucutre, field layout, field values like FeatureCla used in symbolizing data, or significant new additions or significant changes to existing themes.

&etc

Natural Earth is maintained by Nathaneiel V. KELSO (@nvkelso) and Tom Patterson.

The project transitioned to Github in 2012. Versioned files are here to collaborate around. The frontend still lives at NaturalEarthData.com.