



AGENDA

Help the FME Lizard find a new office!

- Mission 1:
 - Find how many FME Users are in each city
- Mission 2:
 - Find which city is warm and dry
- Mission 3:
 - Find which city has the most vegetation
- Mission 4:
 - Find Zipster
- Choose the office Demo
- FME Highlights





But where should its next office be?

FME to the Rescue!

Let's build a workspace to help the FME Lizard find a new office. (Caveat: the FME Lizard is picky and has very specific needs.)







FME Lizard's New Office: Location Selection Criteria

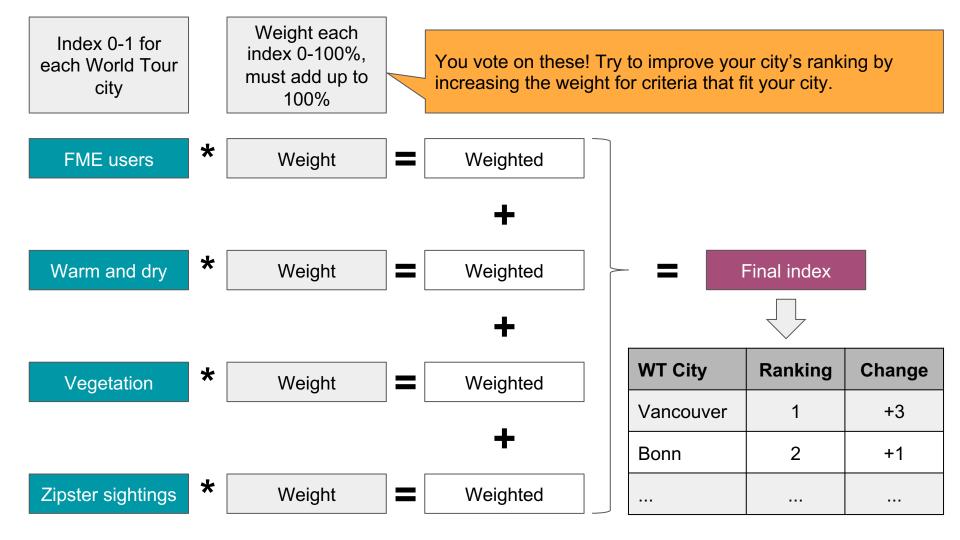
- 1. FME Lizard likes FME users and wants them nearby.
- 2. Warm and dry.
- 3. Fresh supply of vegetation.
- 4. FME Zipster sightings.







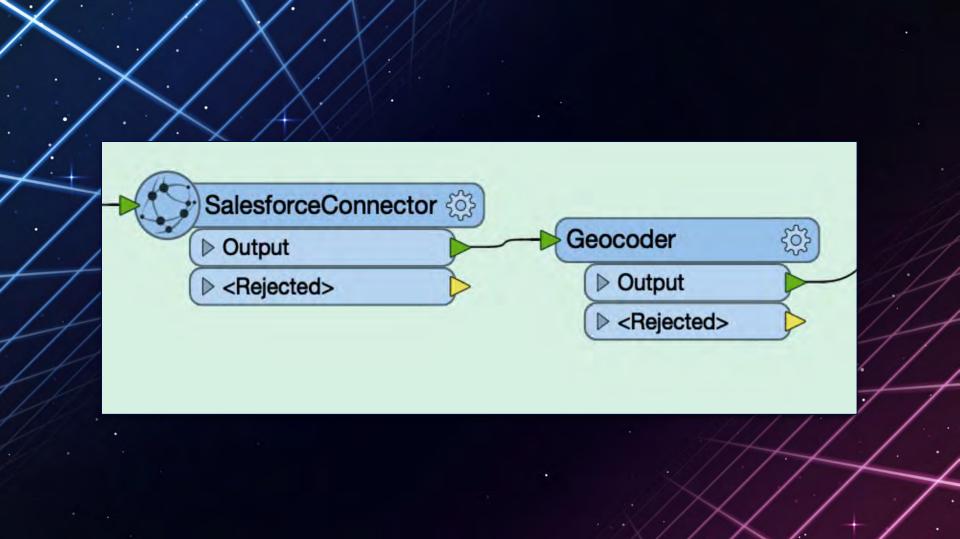
- Generate index ranking all FME World Tour cities.
- You can game the system by assigning a weight to the indexes.
- Vote at <u>fme.ly/wtvote</u> now!

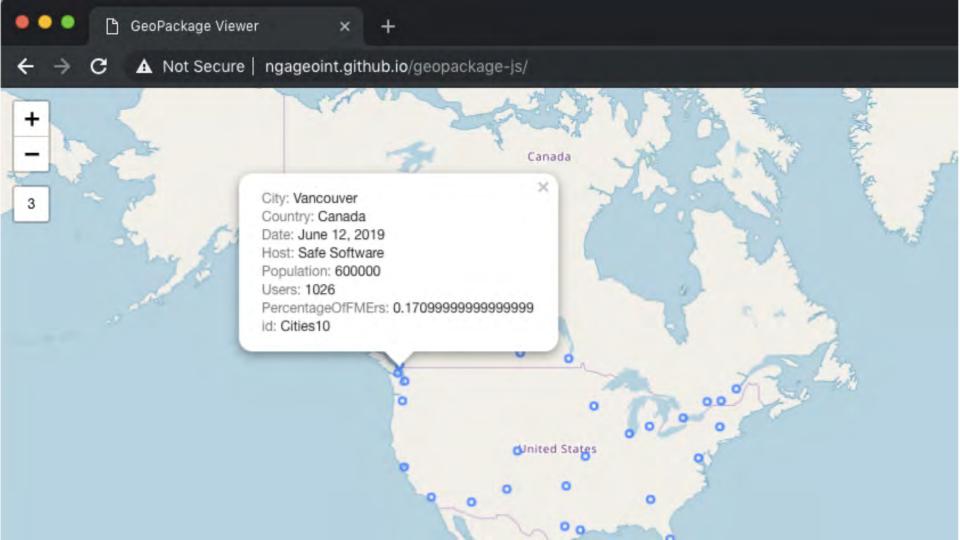


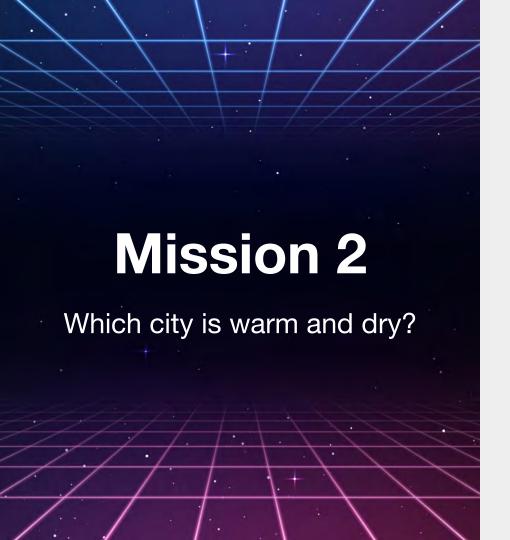
Mission 1

How many FME Users are in each city?



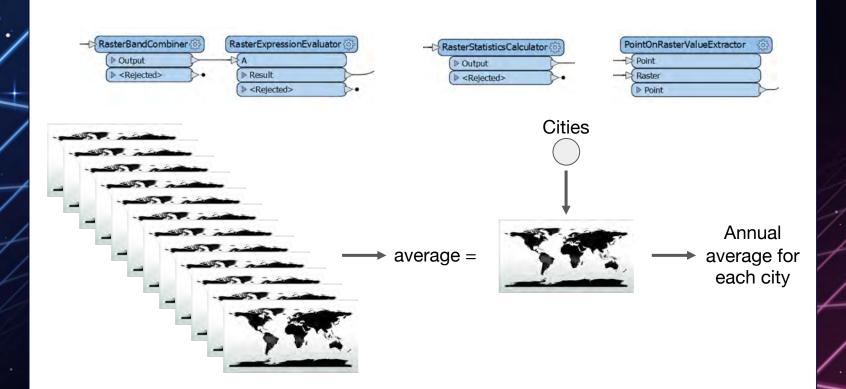






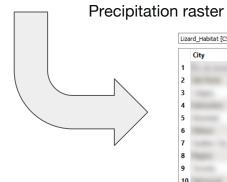


Fick, S. E., & Hijmans, R. J. (2017). WorldClim 2: new 1-km spatial resolution climate surfaces for global land areas. *International Journal of Climatology*, 37(12), 4302-4315.





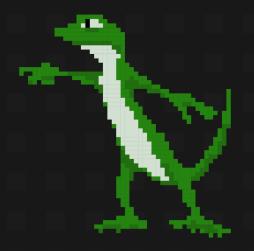




Warm and dry index

Temperature raster

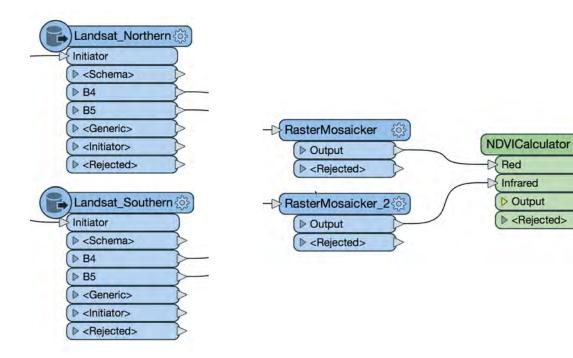


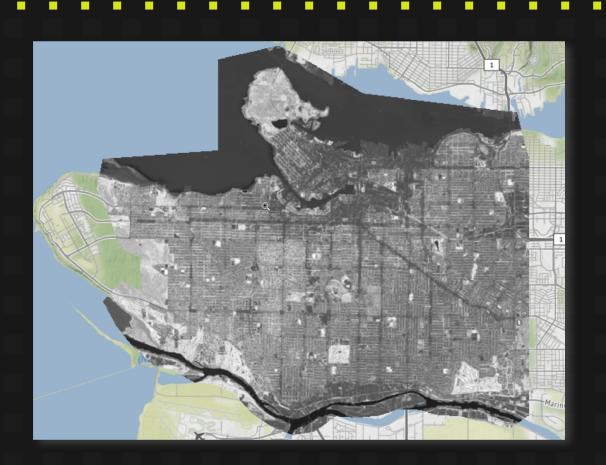


Mission 3

What city has lots of vegetation?





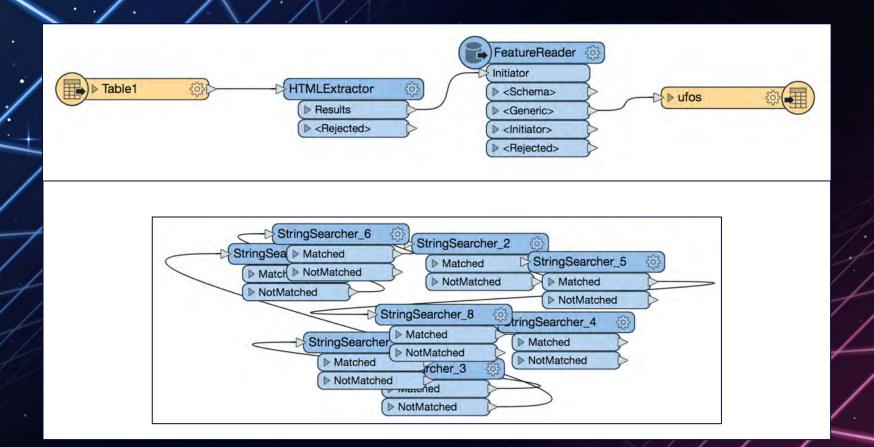




Mission 4

Where is Zipster?















Demo Recap

- Integrated multiple sources
- Transformation tips and tricks:
 - Feature Caching and PartialRuns
 - Visual Preview
 - Bookmarks and Annotations
 - Database and Web Connections
 - FeatureReader and FeatureWriter
- Displayed data in a friendly way





Performance

"EVERY FME RELEASE WILL BE **FASTER THAN THE PREVIOUS** OR WE WON'T SHIP IT!"

Dale Lutz / Don Murray 2018+

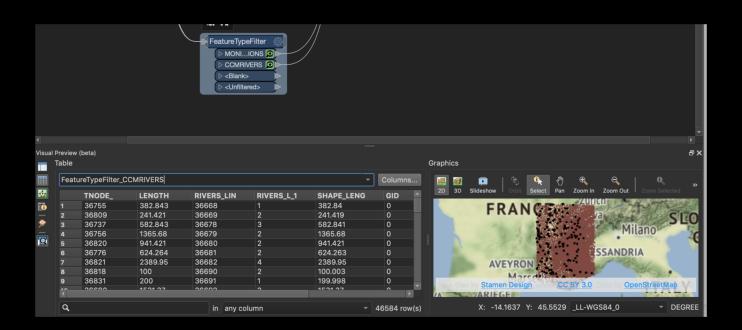


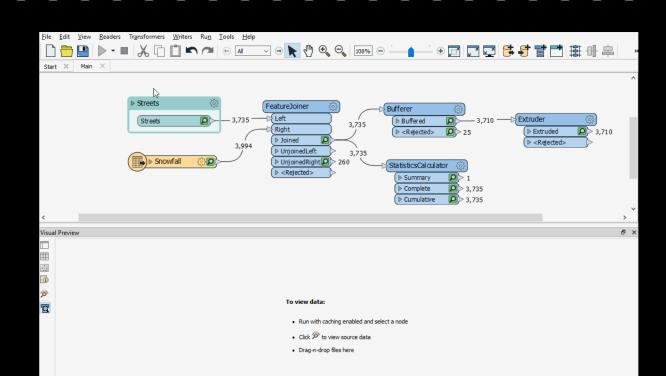




FME 2019: The Interface

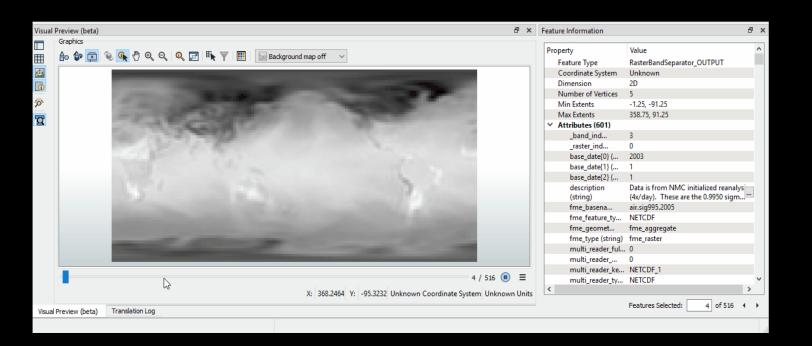
Dark Mode



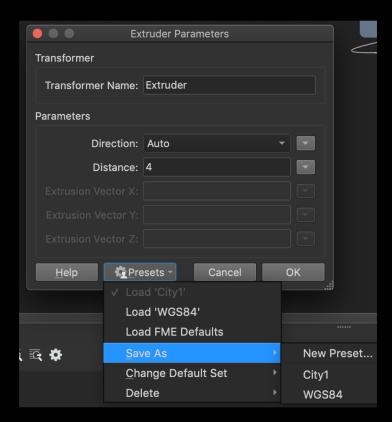


Visual Preview

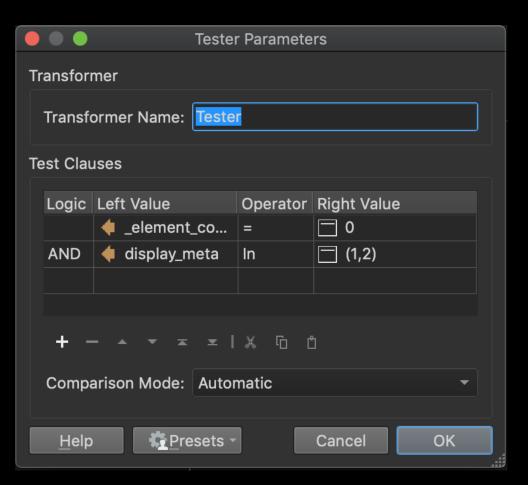
Animate Mode



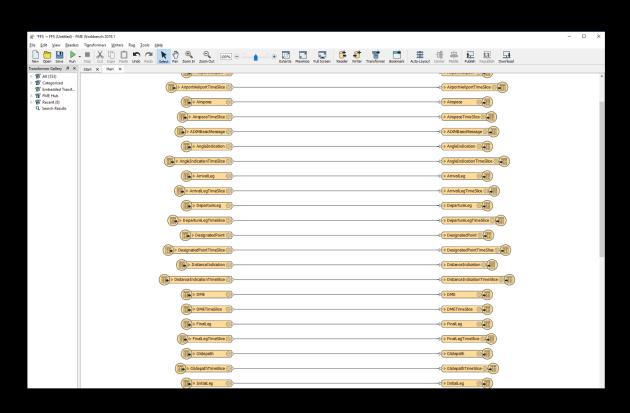
Save Parameter **Presets**



Tester transformer

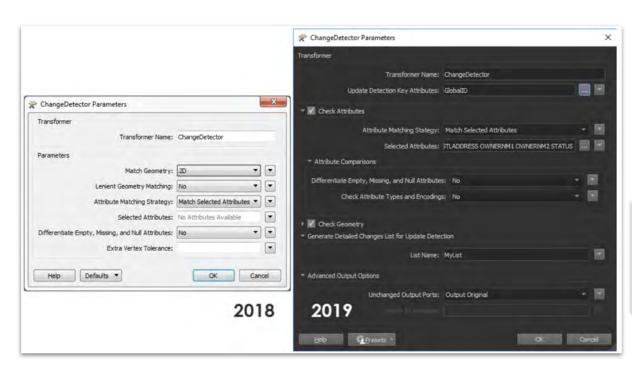


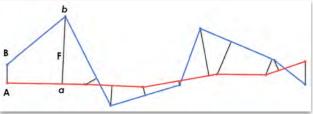
Auto-sized Transformers & Feature Types



New in 2019 :

ChangeDetector





Decompression



DGN Mesh Reading







TopoJSON DMML (R) Socrata (New API) OGC WCS (R) Garmin POI Binary® FME AR(R)

New Connectors

- AzureBlobStorageConnector
- AzureFileStorageConnector
- CesiumIonConnector
- CityworksConnector
- GoogleCloudStorageConnector
- S3Connector
- AzureQueueStorageConnector (coming soon)
- KafkaConnector (coming soon)
- TrelloConnector (coming soon)

















FME Packages

Delivering transformers, reader/writers, and connections to you *faster*.

- Zipped .fpkg files available via <u>FME Hub</u>.
- Get fixes and new features into your hands within hours, not months.
- Developers can contribute their own content to FME.
- Currently released as FME Packages:
 - S3Connector
 - CesiumIonConnector
 - RasterObjectDetector series
 - NLP series



