

Subject: **FSQ Product Release Notes - September, 2023**

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# FOURSQUARE

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Hey there,

September is upon us and we're here with a few key updates from our product portfolio.

## FSQ Places

### Places API Categories

For flat file delivery customers, the team is heads down working on key data quality improvements with scheduled releases for October.

#### Places 30-Day Changelog

- Total POI count: 125,923,469
  - # US: 22,554,333
  - # Rest of world: 103,369,136
- POIs added in last 30 days: 338,328
  - # US: 66,018
  - # Rest of world: 272,310
- POIs removed in last 30 days: 163,443
  - # US: 37,144
  - # Rest of world: 126,299
- Validated in last 30 days: 6,736,373
  - This is the number of POIs that have a `date_refreshed` value, which is the date when we last saw any single reference refreshed from crawl, Listing Syndicators, users or human validation for a given POI.

#### Places Chain Data

- Total POI count: 3,080,224
  - # US: 1,533,177
  - # Rest of world: 1,547,047
- POIs added in last 30 days: 20,952
  - # US: 14,802
  - # Rest of world: 6,150
- Validated in last 30 days: 521,223
  - # US: 246,371
  - # Rest of world: 274,852

#### Places API: two attributes added to v3 schema effective Oct 9

Effective October 9th, ``closed_bucket`` (core attribute) and ``venue_reality_bucket`` (rich attribute) will be added to the v3 schemas, impacting the following endpoints:

- Place search
- Place details
- Autocomplete
- Nearby Places

*Reminder: core attributes are automatically returned for Place search and Place details endpoints.*

``closed_bucket`` represents FSQ's point of view on whether a POI is closed, or not. With the following returned values:

- `VeryLikelyClosed`: places with probabilities  $\geq 85\%$  being closed
- `LikelyClosed`: places with probabilities 65-85% being closed
- `Unsure`: places with probabilities less than 70% closed or open
- `LikelyOpen`: places with probabilities 65-85% being open
- `VeryLikelyOpen`: places with probabilities  $\geq 85\%$  being open

``venue_reality_bucket`` represents how 'real' FSQ believes a venue to be. The attribute is particularly helpful to filter out places that may have inadvertently been created by a user or organization that are not necessarily a real place our customers would care about. Values returned are: Low, Medium, High, VeryHigh. Our standard data deliveries automatically exclude POIs where `venue_reality_bucket = "Low"`.

## FSQ Studio

### 3D Tiles

Studio is rolling out support for 3D tiles, starting with Google's Photorealistic 3D tiles. Large-scale 3D data allows businesses to model and visualize their operations in a realistic setting that mirrors the real world.



Labels: Color Palette Library

### Color Palette Library

Users can now save [custom color palettes](#) to personal libraries. Organization members can save color palettes to a shared library.



Filters: Color Palette Library

### Vector Tile Style Improvements

The [Vector Tile Layer](#) configuration options have been aligned with the [Polygon Layer](#). Configure vector tile styling including custom stroke width and color.

### S3 Connector & Parquet/ORC Support

- **Sharing and Permissions**: You can now share and unshare maps, datasets and data connectors directly from the Data SDK via the new [permissions endpoints](#).
- **External/Cloud Datasets**: You can now create ["external datasets"](#) through the Map SDK. External datasets are data sources that reference an external URL. This feature can be used alongside the S3 connector to pull data from the user's own cloud.

### Filters: Config Editor

The [configuration editor](#) has been extended to [filters](#). Programmatically control your [filters](#) in our full-featured code editor, or copy the configuration and paste it into other maps.

### Bar Chart: Manual Sort

Bars in the [Bar Chart](#) can now be manually sorted, allowing users to arrange them in any desired order.

### Plugin Updates: Grafana & QGIS

- The [Grafana plugin](#) has been refreshed with [export image/map](#) functionality and other improvements. Learn how to install the plugin in your Grafana environment [here](#).
- Studio's [QGIS plugin](#), which allows users to export QGIS maps to Studio, now supports additional color scales/symbologies, including logarithmic, pretty breaks, and natural breaks (Jenks).

Quick links:

- [Places data release notes](#)
- [Studio data release notes](#)
- [API release notes](#)
- [Create a free \(forever\) Studio account](#)
- [Contact us](#) for a demo or free data sample

Thanks,  
Stu from Foursquare

FSQ



Foursquare is the leading independent location technology company, powered by our deep understanding of how people move throughout the world.

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