

# Flumen

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# Product Sheet

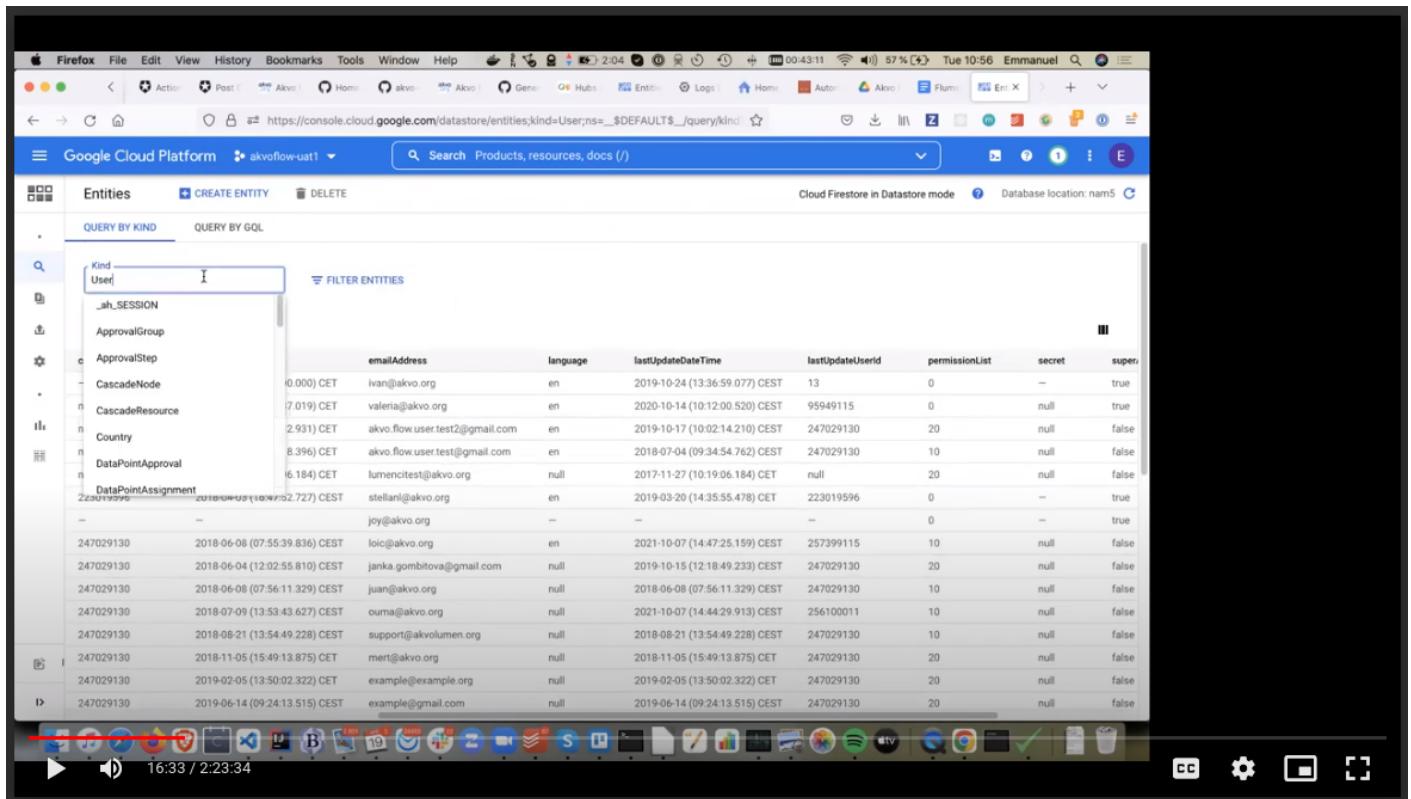
<b>Name</b>	FLOW + Lumen = Flumen
<b>Product Description</b>	<p>Akvo Flow is a tool for collecting, evaluating and displaying of geographically referenced data. It is composed of an android mobile app and an online web-based platform. This repository contains code for the web-based platform that comprises a backend engine and a dashboard user interface. Alongside the dashboard and mobile apps, is a data import and export component</p> <p>Akvo Lumen is an easy to use data mashup, analysis and publishing platform.</p>
<b>Repository Link</b>	<p><a href="https://github.com/akvo/akvo-flow">https://github.com/akvo/akvo-flow</a></p> <p><a href="https://github.com/akvo/akvo-flow-mobile">https://github.com/akvo/akvo-flow-mobile</a></p> <p><a href="https://github.com/akvo/akvo-lumen">https://github.com/akvo/akvo-lumen</a></p>
<b>Product Documentation</b>	<p><a href="https://kb.akvo.org/flow/">https://kb.akvo.org/flow/</a></p> <p><a href="https://kb.akvo.org/lumen/">https://kb.akvo.org/lumen/</a></p>
<b>Tech Stack</b>	<p>Akvo Flow:</p> <ul style="list-style-type: none"> <li>• Frontend: Ember.js, React, Clojurescript, Android App</li> <li>• Backend: Java</li> <li>• Database: Google Cloud Datastore</li> <li>• Services: Amazon S3, Auth0</li> <li>• CI: Semaphoreci</li> <li>• Hosting: Google App Engine</li> </ul> <p>Akvo Lumen</p> <ul style="list-style-type: none"> <li>• Frontend: React</li> <li>• Backend: Clojure</li> <li>• Database: PostgreSQL</li> <li>• Services: Auth0</li> <li>• CI: Semaphoreci</li> <li>• Hosting: Google Kubernetes Engine</li> </ul>
<b>Asana Link</b>	<p>FLOW Backlog:</p> <p><a href="https://app.asana.com/0/1204599091585163">https://app.asana.com/0/1204599091585163</a></p> <p>FLOW Sprintboard:</p> <p><a href="https://app.asana.com/0/1204279546124153">https://app.asana.com/0/1204279546124153</a></p>
<b>Slack Channel Link</b>	<p>#team-flow:</p> <p><a href="https://app.slack.com/client/T044V5F9W/C04NFHZBJ69">https://app.slack.com/client/T044V5F9W/C04NFHZBJ69</a></p> <p>#team-lumen:</p> <p><a href="https://app.slack.com/client/T044V5F9W/C04NJG3B68J">https://app.slack.com/client/T044V5F9W/C04NJG3B68J</a></p>

# Technical Documentation

## Flumen - Technical support scripts

Tech support scripts all exist in the flow repo <https://github.com/akvo/akvo-flow/tree/master/scripts/data>

## Flumen - Instance set up



The screenshot shows the Google Cloud Platform Firestore console. The left sidebar lists various document types under the 'User' kind. The main table displays a list of User documents with columns: emailAddress, language, lastUpdateDateTime, lastUpdateUserId, permissionList, secret, and super. The table contains approximately 15 rows of data.

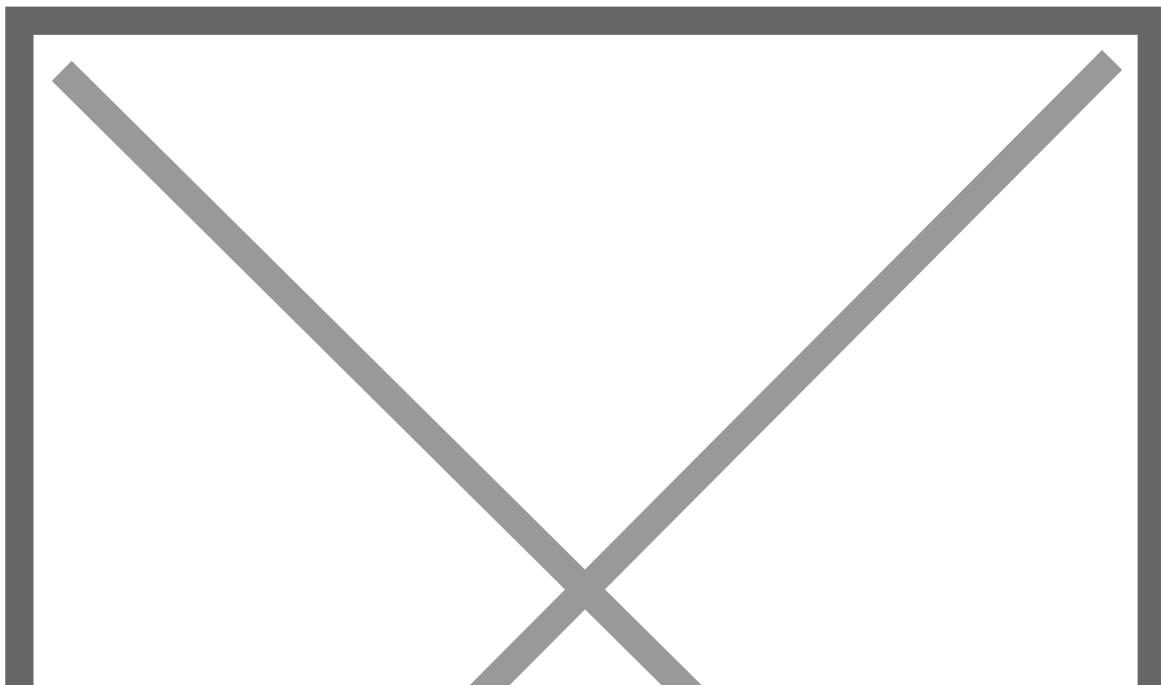
	emailAddress	language	lastUpdateDateTime	lastUpdateUserId	permissionList	secret	super	
0.000	ivan@akvo.org	en	2019-10-14 (13:36:59.077) CEST	13	0	—	true	
7.019	valeria@akvo.org	en	2020-10-14 (10:12:00.520) CEST	95949115	0	null	true	
2.931	akvo.flow.user.test2@gmail.com	en	2019-10-17 (10:02:14.210) CEST	247029130	20	null	false	
8.396	akvo.flow.user.test@gmail.com	en	2019-07-04 (09:34:54.762) CEST	247029130	10	null	false	
6.184	lumencites@akvo.org	null	2017-11-27 (10:19:06.184) CET	null	20	null	false	
223019596	stellar@akvo.org	en	2019-03-20 (14:35:55.478) CET	223019596	0	—	true	
—	joy@akvo.org	—	—	—	0	—	true	
247029130	2018-06-08 (07:55:39.836) CEST	loic@akvo.org	en	2021-10-07 (14:47:25.159) CEST	257399115	10	null	false
247029130	2018-06-04 (12:02:55.810) CEST	janka.gombitova@gmail.com	null	2019-10-15 (12:18:49.233) CEST	247029130	20	null	false
247029130	2018-06-08 (07:56:11.329) CEST	juan@akvo.org	null	2018-06-08 (07:56:11.329) CEST	247029130	10	null	false
247029130	2018-07-09 (13:53:43.627) CEST	ouma@akvo.org	null	2021-10-07 (13:44:29.913) CEST	256100011	10	null	false
247029130	2018-08-21 (13:54:49.228) CEST	support@akvolumen.org	null	2018-08-21 (13:54:49.228) CEST	247029130	10	null	false
247029130	2018-11-05 (15:49:13.875) CET	mert@akvo.org	null	2018-11-05 (15:49:13.875) CET	247029130	20	null	false
247029130	2019-02-05 (13:50:02.322) CET	example@example.org	null	2019-02-05 (13:50:02.322) CET	247029130	20	null	false
247029130	2019-06-14 (09:24:13.515) CEST	example@gmail.com	null	2019-06-14 (09:24:13.515) CEST	247029130	20	null	false

Once a new contract is in, we need to set up the partner with Flumen. The process is simple: send the Project management file to Greta (for Finance tracking), Isha (for SaaS tracking) and Jana (to set up the instance). Jana will take care of the instance set up with the Flumen team and let you know once it is ready.

Make sure the Project management file has all the details needed for the instance set up:

- Project/Organisation name
- Project manager
- Hubs involved
- Akvo admin

- Contract end date
- Flumen URL (desired URL)
- Pricing tier



You can find the Project management template [here](#).

## Flumen - Technical Setup

### What is an instance?

Notes: Flow instance is essentially a GCP project. For each partner a unique project is created.

### Creating an instance

#### Environment setup

- Install Google cloud SDK - <https://cloud.google.com/sdk/docs/install-sdk>

#### Which repos are involved in deploying new instance?

- <https://github.com/akvo/akvo-flow-server-config> - configuration for both repos above. I.e backend/UI + mobile
- <https://github.com/akvo/akvo-config/> - DNS/subdomain configuration for Flow instances

- <https://github.com/akvo/akvo-flow> - main Akvo flow application (backend and dashboard)
- <https://github.com/akvo/akvo-flow-mobile> - mobile app (each instance has own configured mobile app deployed)

## Which other repos may need to be checked?

- <https://github.com/akvo/akvo-flow-services> - report generation backend.
- <https://github.com/akvo/akvo-webform> - flow webforms (coordinate with Deden for configuration re/loading)

## Cheatsheets

### Backend/Dashboard Instance creation

- <https://github.com/akvo/akvo-flow-server-config/blob/master/creating-new-dashboard-instances.md>

### Mobile app

- <https://github.com/akvo/akvo-flow-mobile/wiki/Deployments>
  - Check under the section -

### Lumen deployments

- [https://github.com/akvo/akvo-lumen/blob/master/NEW\\_TENANT.md](https://github.com/akvo/akvo-lumen/blob/master/NEW_TENANT.md)