

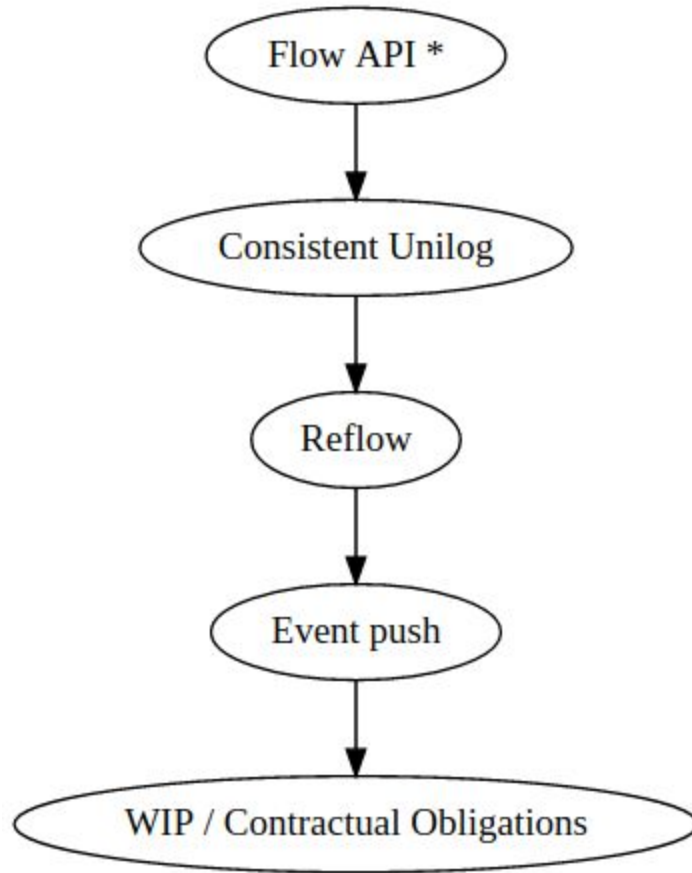
Lumen - Flow integration

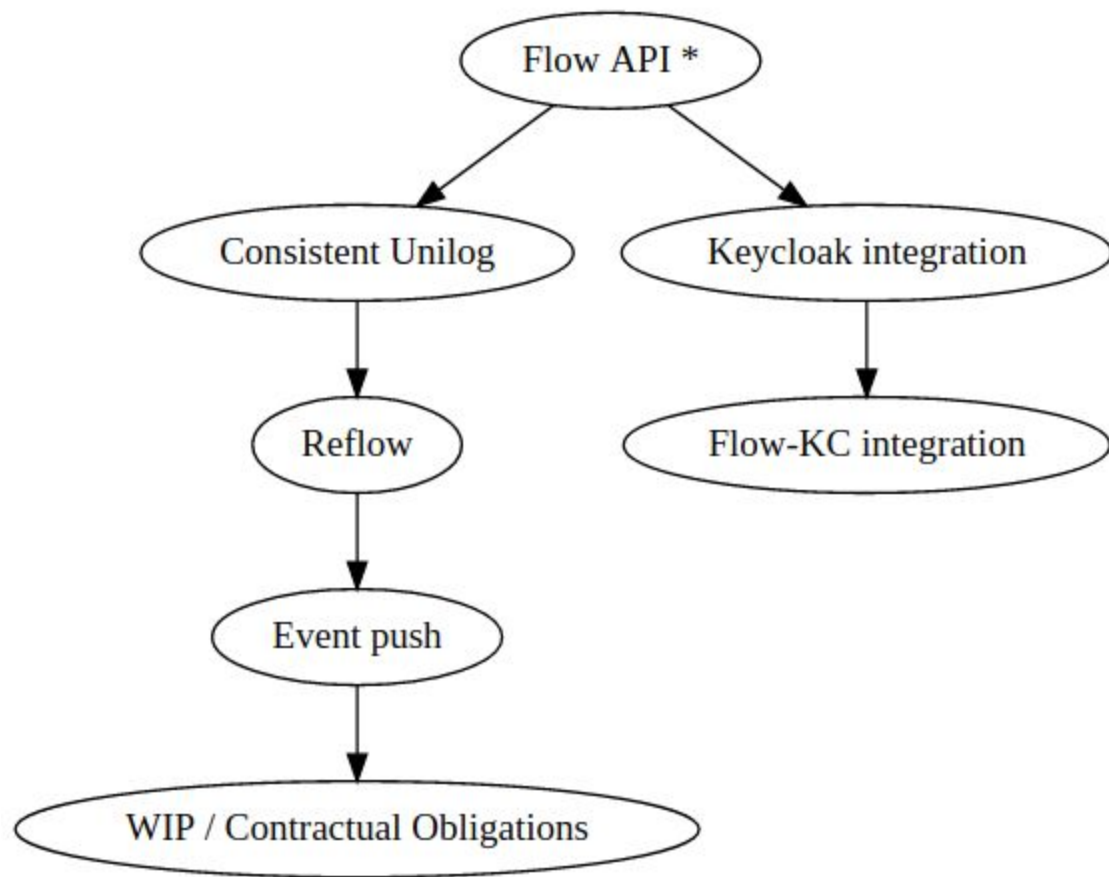
Lumen uses Flow code
as big dependency and
talks directly to GAE
datastore to import data

dirty hack / no one wants

Lumen uses a Flow Rest
API for consuming data,
passing JWT tokens for
auth/authz

ideal world





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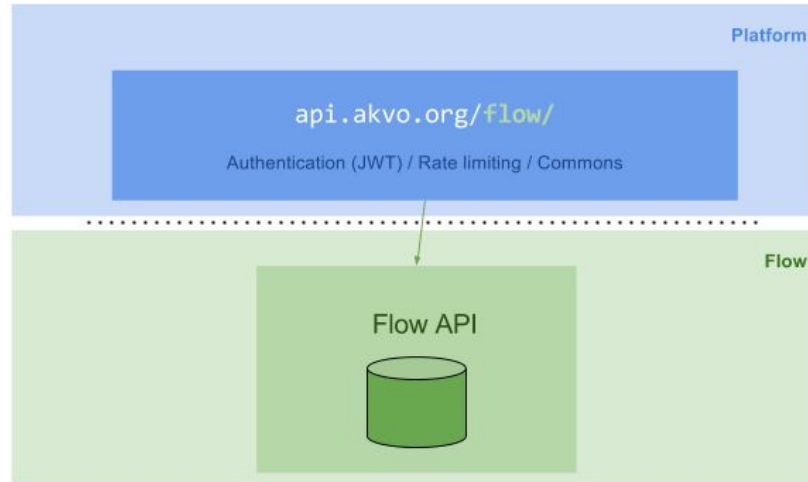
less ideal implementation

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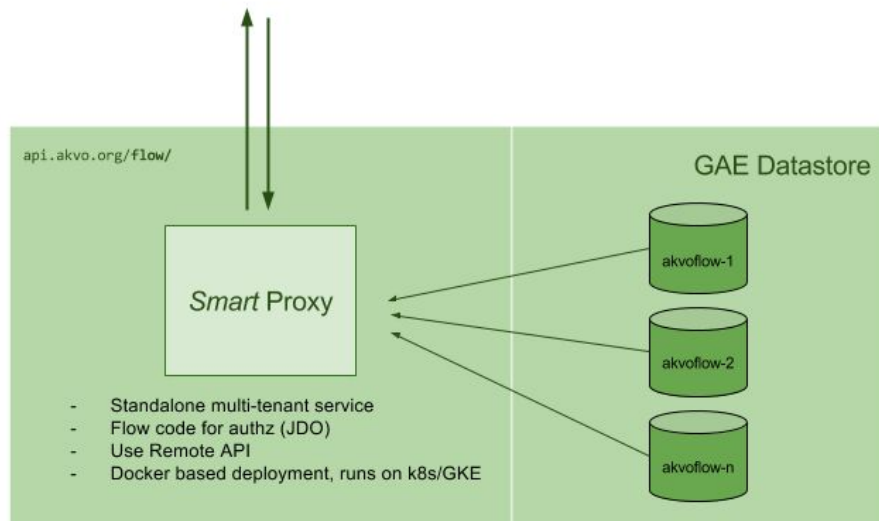
ideal world



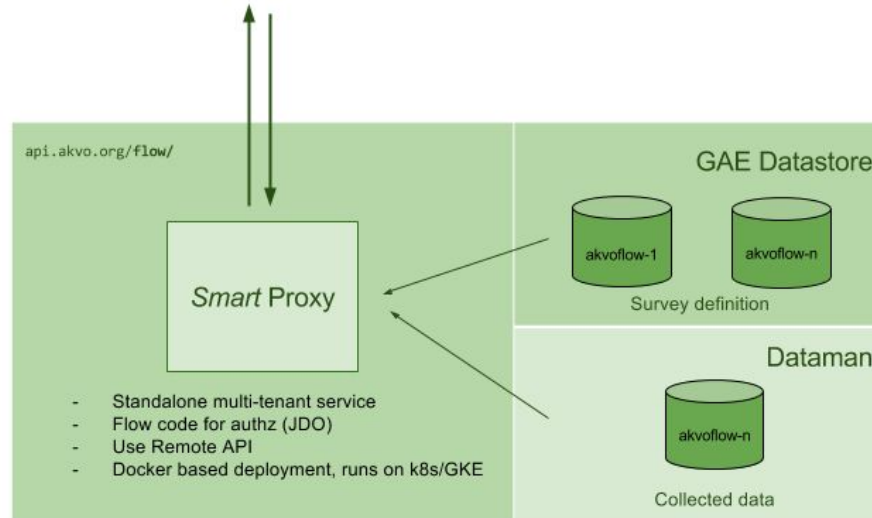
Expose an “*ideal world*” integration, hide details



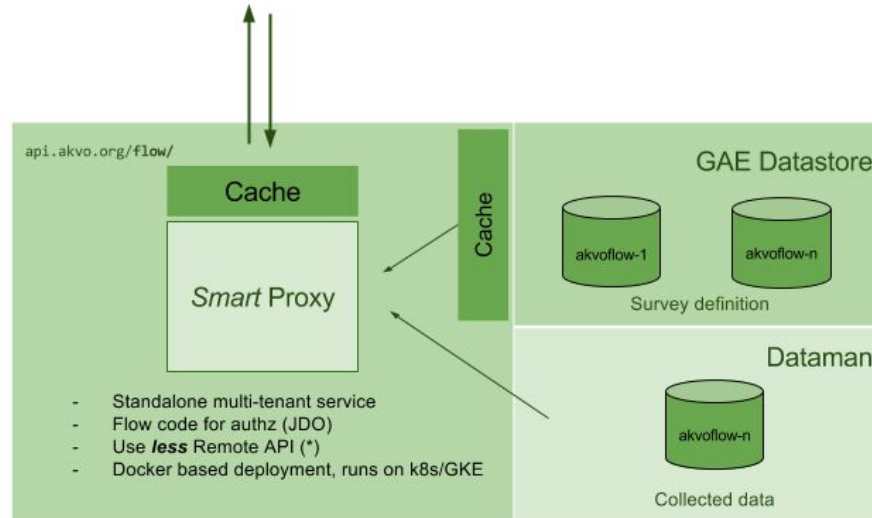
- Expose products API via a common URL
- Common checks / enhancements (e.g. tracing) done before **routing** the request

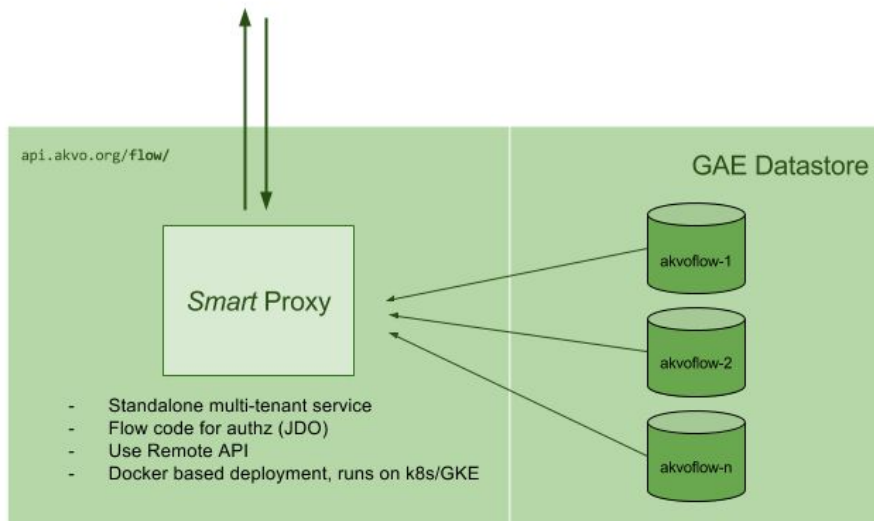


hacky, but not so *dirty*



Future enhanced version after event push, consistent log, reflow, refactor (dataman) efforts are ready





- A designed API with consumer first in mind (Lumen our first partner/customer)
 - Work in parallel on Lumen changes and building the first iteration of Flow read API
 - One Lumen iteration (~3 weeks) for importing forms (*). *We have already part of the work*
 - Work together on trying to make the Q1 deadline: Iván/Jonas on Flow API, Jonas/? On Lumen
 - Q1 deadline for importing forms is feasible with a potential delay on couple of weeks (and not months)
 - RQG / Monitoring import is a pure Lumen effort that will take more iterations
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- Flow and Lumen have totally different access/security models. We don't want to bring Flow access control to Lumen