

**FINOS**

Fintech  
Open Source  
Foundation

# Pure/Alloy Pilot Project Meeting 2020.2.12

FINOS + GS



# Agenda

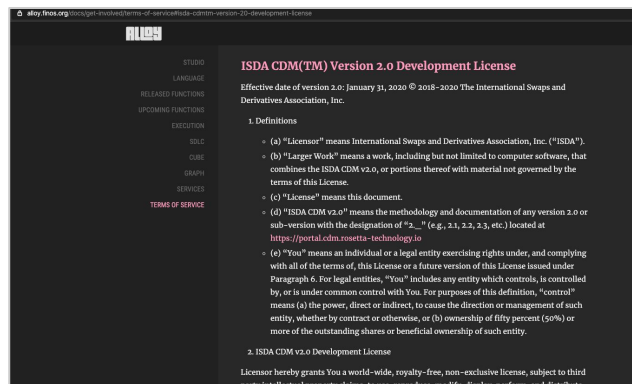
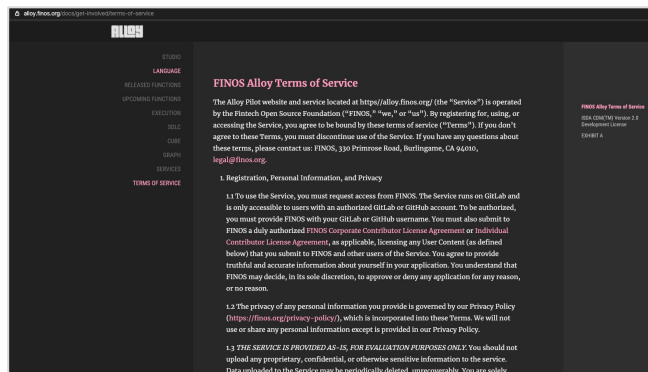
*[See Today's Agenda at*

*<https://github.com/finos/alloy/blob/master/docs/meeting-minutes/2020.2.12-pilot-project-minutes.md>*]

- Housekeeping
- Pilot Participant On-Boarding Update
- Documentation Site: alloy.finos.org
- Update on Pilot Phase Management
- CDM model & demo of features requested by audience
- Collaboration Tooling Demo

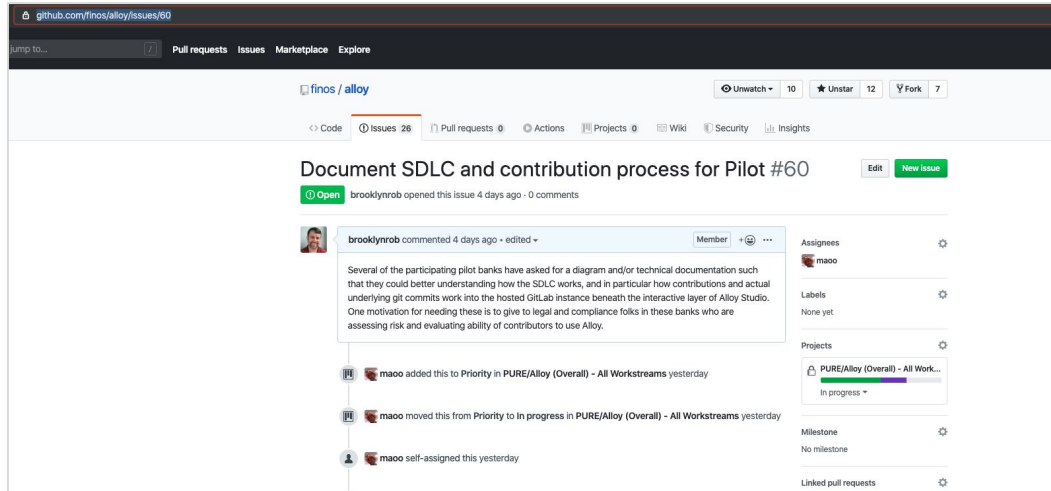
# Housekeeping

- Minutes Review: <https://github.com/finos/alloy/blob/master/docs/meeting-minutes/2020.1.29-pilot-project-minutes.md>
- Terms of Service: <https://alloy.finos.org/docs/get-involved/terms-of-service>



# Pilot Participant On-Boarding Update

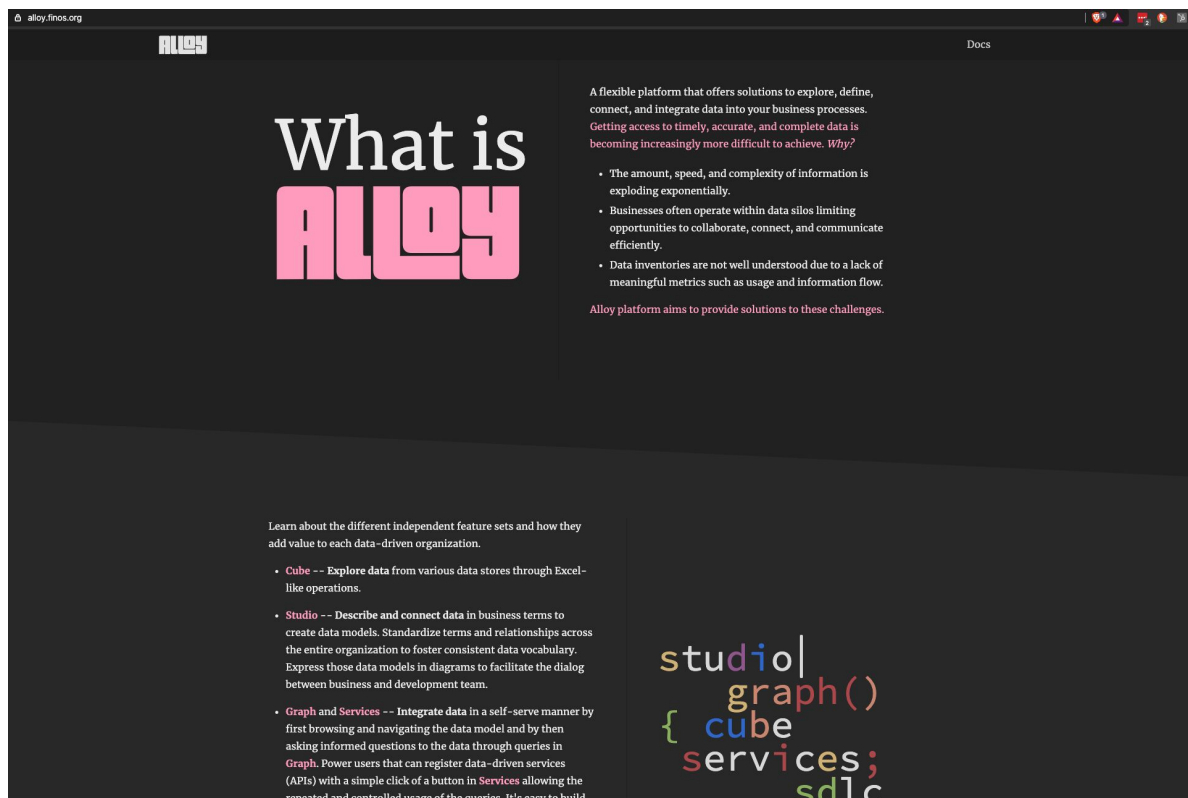
- CLAs
- Github Issue 60: <https://github.com/finos/alloy/issues/60>



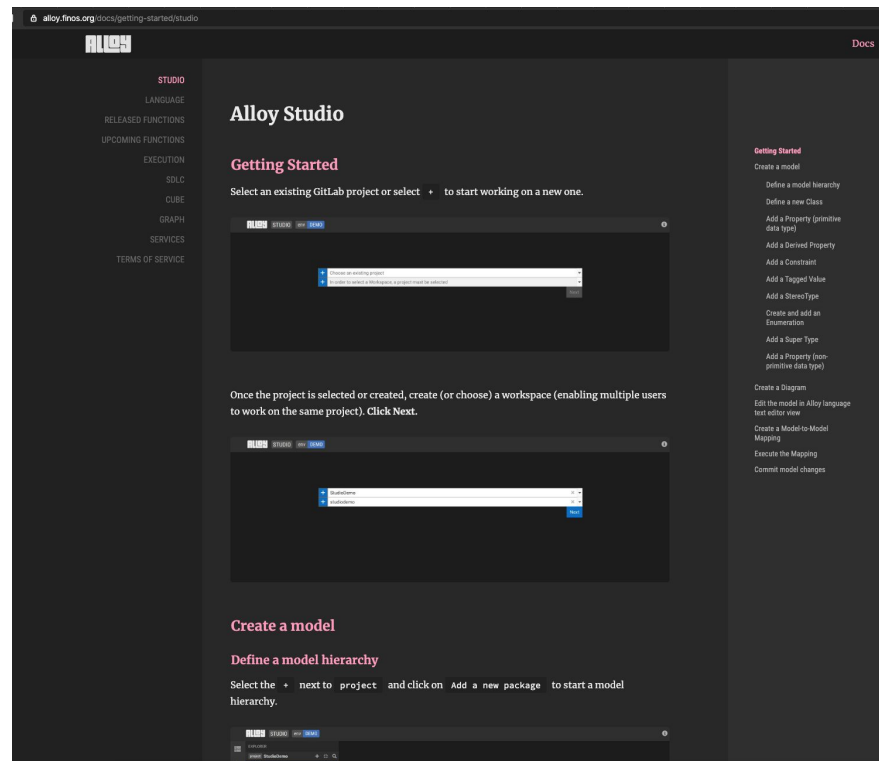
Documentation Site

[alloy.finos.org](http://alloy.finos.org)

# alloy.finos.org (Home Page)



# alloy.finos.org (Alloy Studio)



# Update on Pilot Phase Management

Ffi @ GS



# PURE/Alloy Launch Plan Phases

- **Phase 0: OSSF Announcement; PURE/Alloy Deployment of Sandbox into AWS; Build Documentation Site**  
Oct 2019 - Feb 2020
- **Phase 1: Limited Availability Pilot Period Group Access to Sandbox**  
Jan 2020 - Apr 2020
- **Phase 2: General Availability of the Sandbox and Public Availability (Open Sourcing) of PURE/Alloy Source Code in FINOS**  
Q2 2020

# PURE/Alloy Launch Plan Milestones

Milestone	Participants	When
<b>Phase 0: OSSF Announcement and PURE/Alloy Deployment of Sandbox into AWS</b>		<b>Oct 2019 - Feb 2020</b>
Announcement of intent to contribute PURE/Alloy at Open Source Strategy Forum	GS plus several banks and/or 1-2 non-bank industry partners	Completed!
Hosted PURE sandbox deployed to AWS	GS + FINOS w/ support from Gitlab	Stood Up and Ready
<b>Phase 1: Limited Availability Pilot Period Group Access to Sandbox</b>		<b>Jan 2020 - Apr 2020</b>
Launch limited availability of sandbox; Collaborate on shared models	GS plus participating banks and other partners	<b>Happening Now</b>
<b>Phase 2: General Availability of Sandbox; Public Availability (Open Sourcing) of Code</b>		<b>Q2 2020</b>
Public availability of the sandbox	FINOS Community	Target June '20
Code available in FINOS Gitlab	FINOS Community	Target June '20

# Alloy Suite & Training

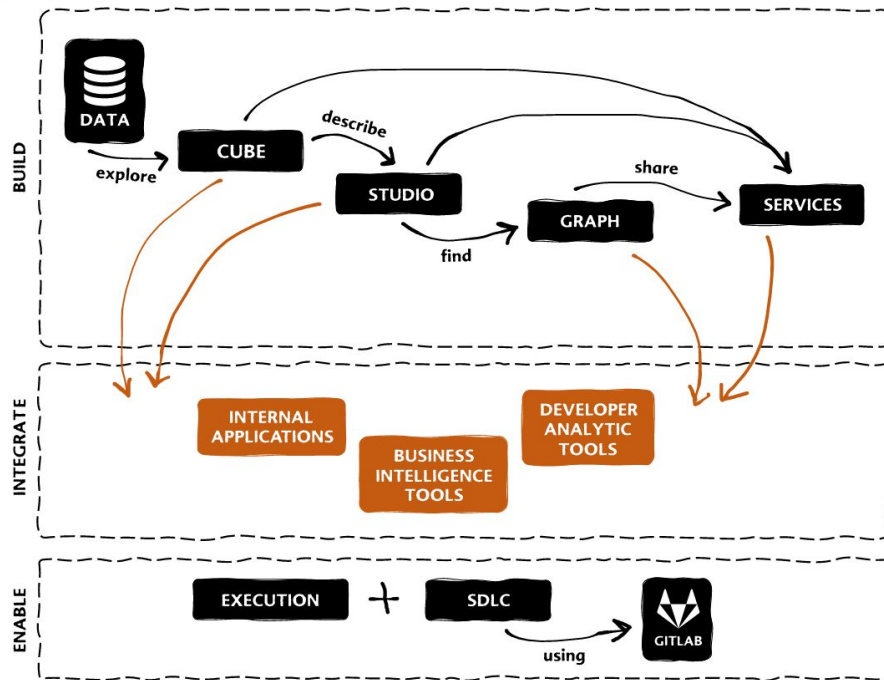
## Suite

- Alloy Studio
- Selection of PURE Models

## Training

- Web Page Guide
- Demo
- SDLC / Governance

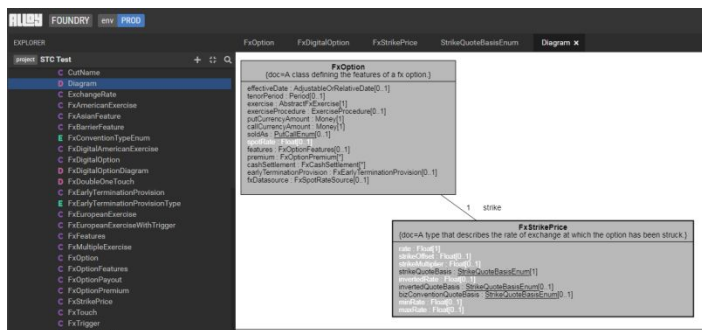
Alloy Ecosystem



# Modeling Goals

- Familiarise pilot participants with the tool and collect feedback on functionality
- Review a common model, FX Option, and provide feedback on additional classes (outside of FpML schema)
- Suggest additional classes based on nuances of other FX Option products traded in the industry – we could suggest trading strategies or let people bring their own!

e.g. bizConventionQuoteBasis = The industry standard business convention for quoting the currency pair. This has been added to FxOption finTerm in Pure beyond the FpML definition.



```

class {doc.doc="A type that describes the rate of exchange at which the option has been struck."}
model :domain::transactional::trading::contract::terms::fx::FXStrikePrice
{
  {doc.doc="The rate of exchange between the two currencies of the leg of a deal."}
  rate : Float[1];
  {doc.doc="This specifies the offset added to every strike fix to obtain the average strike"}
  strikeOffset: Float[0..1];
  {doc.doc="This is a multiplier multiplied to every strike fix to obtain the average strike."}
  strikeMultiplier : Float[0..1];
  {doc.doc="The method by which the strike rate is quoted."}
  strikeQuoteBasis : model::domain::transactional::trading::contract::terms::shared::StrikeQuoteBasisEnum[1];
  {doc.doc="The inverted rate of exchange between the two currencies of the leg of a deal. Should be equivalent of 1 / rate."}
  invertedRate : Float[0..1];
  {doc.doc="The method by which the inverted strike rate is quoted."}
  invertedQuoteBasis: model::domain::transactional::trading::contract::terms::shared::StrikeQuoteBasisEnum[0..1];
  {doc.doc="The industry standard business convention for quoting the currency pair"}
  bcConventionQuoteBasis : model::domain::transactional::trading::contract::terms::shared::StrikeQuoteBasisEnum[0..1];
  {doc.doc="A minimum limit on the shifted average strike"}
  minRate : Float[0..1];
  {doc.doc="A maximum limit on the shifted average strike"}
  maxRate : Float[0..1];
}

```

CDM model & demo of  
features requested by  
audience

Pierre @ GS

# Collaboration Tooling Demo

GitLab