

Egeria Dojo update

David Radley

Egeria Maintainer

Egeria Dojo - what we have

- › We ran a 3 day event in May 26-28 2020.
- › This took the form of a web conference
- › All the material is in git
- › It has become a go-to starting point for getting to grips with Egeria in a hand on self paced course. Especially useful for people expressing interest in becoming an Egeria contributor
- › <https://egeria.odpi.org/open-metadata-resources/open-metadata-tutorials/egeria-dojo/>
- › <https://egeria.odpi.org/developer-resources/badges/>



- **Day 1:** Learning about setting up and running Egeria on you own machine.
- **Day 2:** Learning how to make a contribution to Egeria
- **Day 3:** Learning how to become either an advocate or a maintainer

The sessions are color-coded like ski runs.

Egeria Dojo - Beginner Session

Egeria Dojo - Intermediate Session

Egeria Dojo - Advanced Session

Egeria Dojo - Expert Session

Time for a review and update and a re-imagine

- › We are moving the documentation to <https://odpi.github.io/egeria-docs/>.
- › The old dojo material is here and the new Dojo is being created here <https://odpi.github.io/egeria-docs/getting-started/dojo/>

Existing Dojo

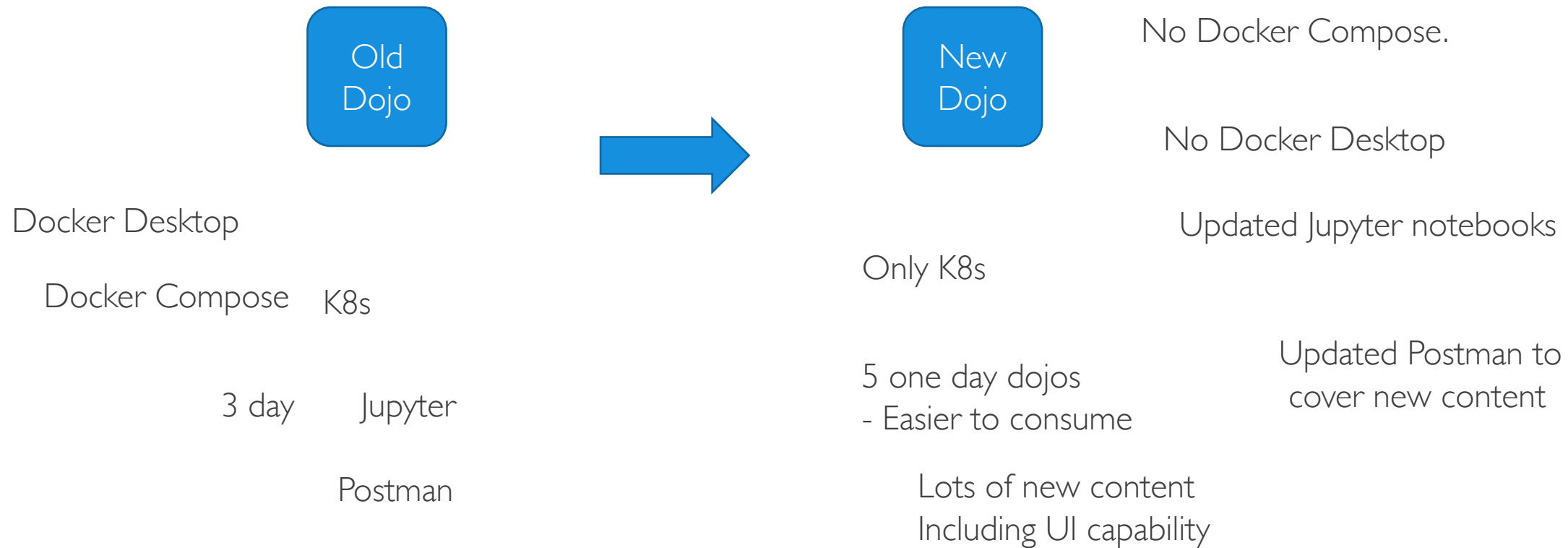
Day 1 >

Day 2 >

Day 3 >

New Dojo (In Development)

New and old Dojos

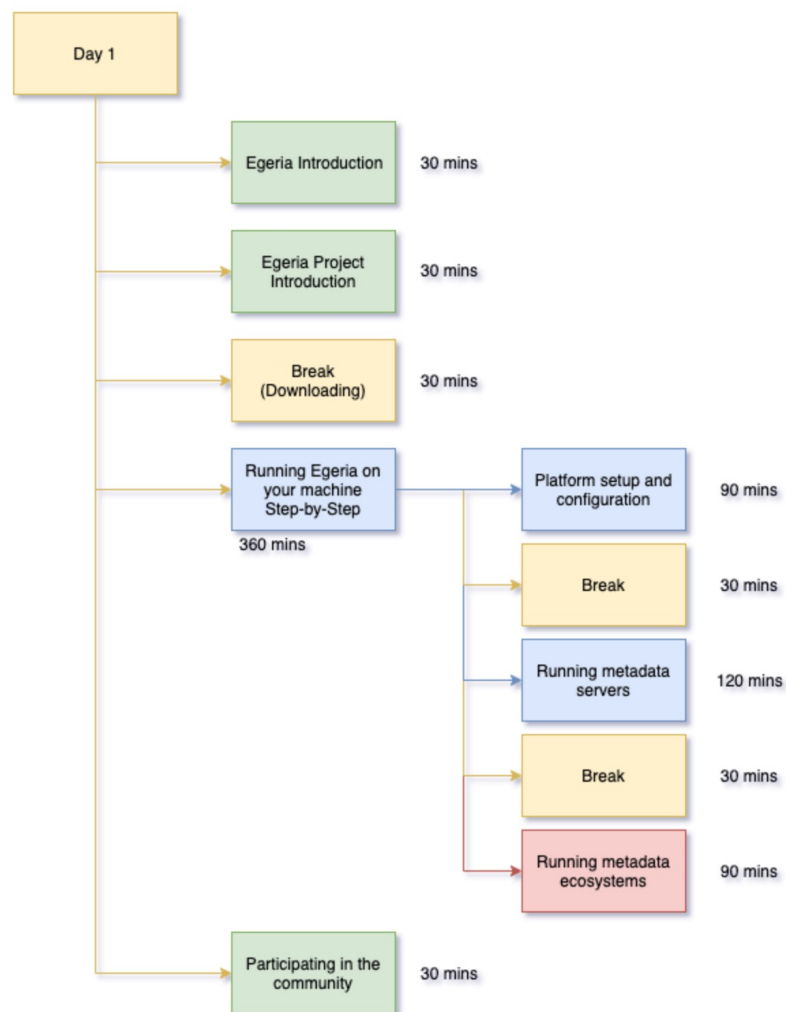


2022 Proposed Dojo Schedule

Date	Time	Title	Description
17th January 2022	TBA	Running Egeria	This is a one day Dojo, showing users how to setup and run Egeria. this will include the server author user interface.
18th February 2022	TBA	Developing Egeria	Setting up and running a development environment for Egeria. Developing connectors for Egeria.
14th of March 2022	TBA	Metadata Governance	An in depth dojo on using metadata for governance.
18th of April 2022	TBA	Contributing to Egeria	Understanding the community and git
16th of May 2022	TBA	Running Egeria in Production	This session will cover managing lineage in Egeria, the Egeria operator, HA configurations.

› <https://wiki.lfaidata.foundation/display/EG/Egeria+Dojo+program>

Day 1 running Egeria



- › We now have a server author ui, that can author new servers. At this time it is possible to configure metadata servers, by January- the UI may be more capable and cover other servers.
- › Move over to use XTDB (Crux)?
- › Using K8s
- › This will include the Jupyter notebooks.
- › Agree who will refactor and present
 - › David to do the Server Author piece & React UI
 - › Ljupcho help Nigel
 - › Nigel owning Running day.
 - › Key reviewer Chris R.

Day 2 developing on Egeria

- › Links to be able raise issues / get help.
- › Connector overview
- › Use of java clients, postman collections (for testing) and using the digital resource connectors in applications
- › Developing
 - › Data connectors
 - › Integration connectors
 - › Repository connectors
- › Egeria Diagnostics
- › Egeria APIs Javadoc, swagger (rest calls not supported, platform & view services supported), Python
- › Pulling in samples (from the Git samples repo) so there is an example for a connector / project
- › Packaging

Agree who will refactor and present

- › Mandy owning developing day
- › Nigel help with packaging
- › Key reviewers
 - › Jakub
 - › Billy
 - › Yevgeniy

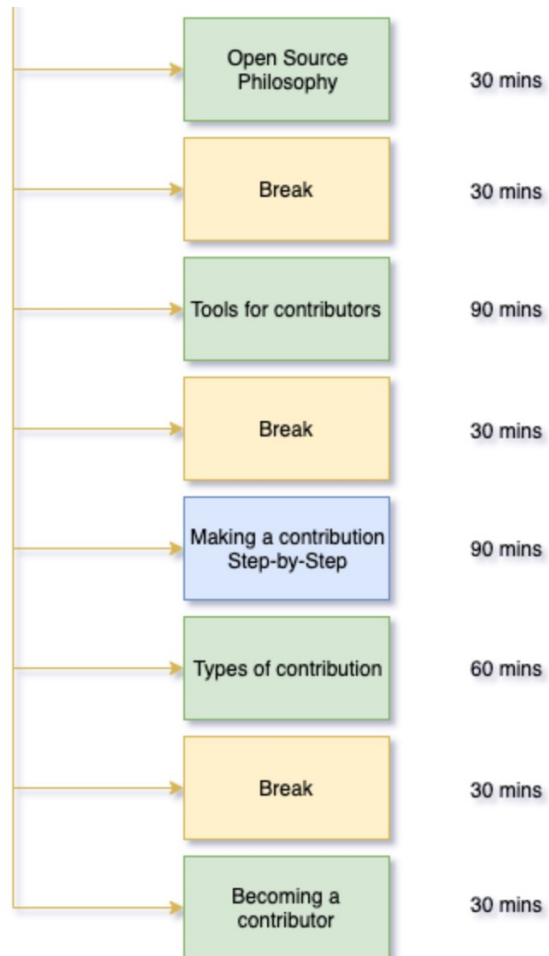
Day 3 Metadata governance

- › Effectivity
- › Deduplication
- › Metadata supply chains
- › Lineage
- › Metadata discovery
- › Governance Actions
- › Governance maturity

Agree who will refactor and present

- › Mandy owns
- › Key reviewers
 - › David
 - › Nigel
 - › Ljupcho

Day 4 Contributing to Egeria



Agree who will refactor and present

- › Maryna owning contributing day.
- › Combine 2 existing days to 1
- › No owner agreed yet.
- › David can do the open source philosophy

Day 5 Running Egeria in production.

- › Kubernetes operator
- › Topology: how many platforms, where are they deployed, how many servers.
- › Monitoring: including setting up Prometheus endpoint and managing audit log destinations. Building the run book for Egeria
- › HA : Availability / reliability / resilient
- › Performance
- › Backups
- › Recovery
- › XTDB ?
- › Security : TLS / SSL and ...

Agree who will refactor and present

- › Backups&recovery& topology - Mandy
- › Threat model - Ljupcho
- › Monitoring - Ljupcho
- › K8s - Ljupcho to see if there is interest in ING to do this.
- › Nigel - K8s operator&security
- › XTDB - Chris G
- › Key reviewers
 - › David
 - › Chris R
 - › Jakub