

Sirius Web

100% open source cloud modeling
platform

Our Crew



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Sirius-II Mission Countdown

DD/MIN	EVENT
T-64:00	Sirius-II Mission announcement
T-32:00	Crew access arm retracts
T-24:00	Obeo Launch Director verifies “go” for code load
T-02:00	Obeo begins engine chill prior to launch
T-01:00	Command flight computer to begin final prelaunch checks
T-00:42	Obeo Launch Director verifies “go” for launch
T-00:03	Engine controller commands engine ignition sequence to start
T-0:00	Sirius Web and OCP liftoff
T+0:30	SIRIUS-II deployment



Principles of Sirius

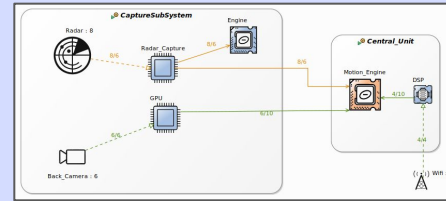
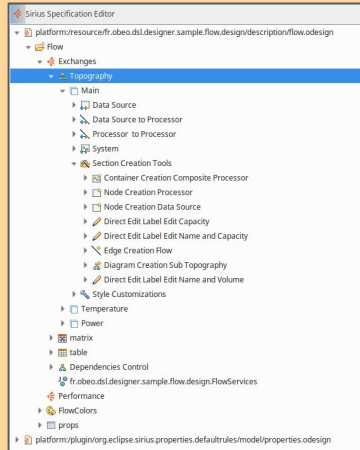
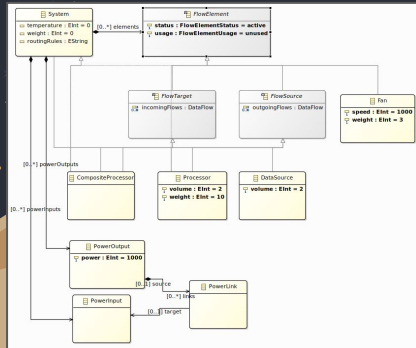
Metamodel

+

Sirius configuration

—

Graphical modeler



Sirius specifier

Workbench end users

Principles of Sirius

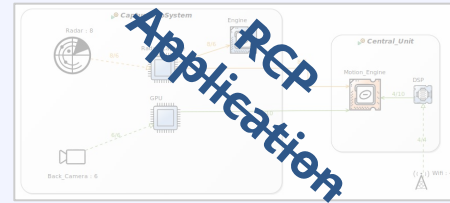
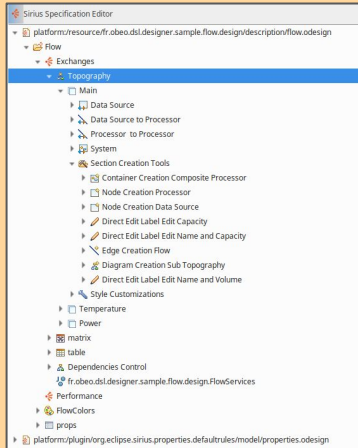
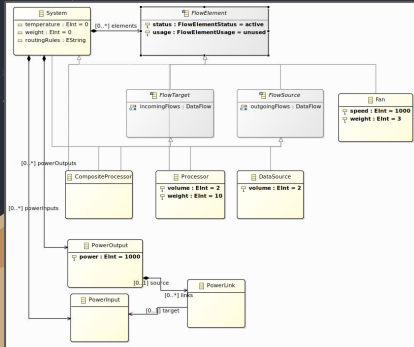
Metamodel

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Sirius configuration

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Sirius specifier

Workbench end users

Principles of Sirius

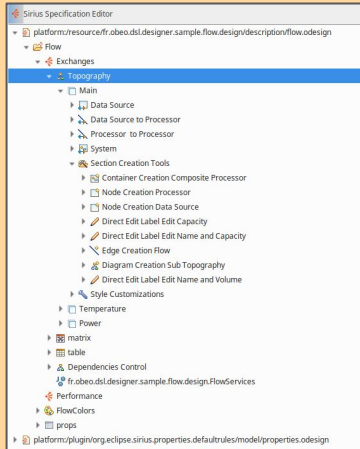
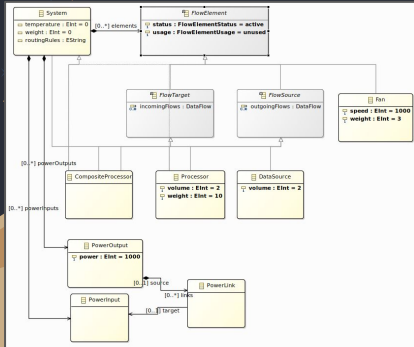
Metamodel

+

Sirius configuration

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Graphical modeler



Sirius specifier

Workbench end users



3





2





1







Sirius Web!

Cloud-based evolution of Sirius
100% open source

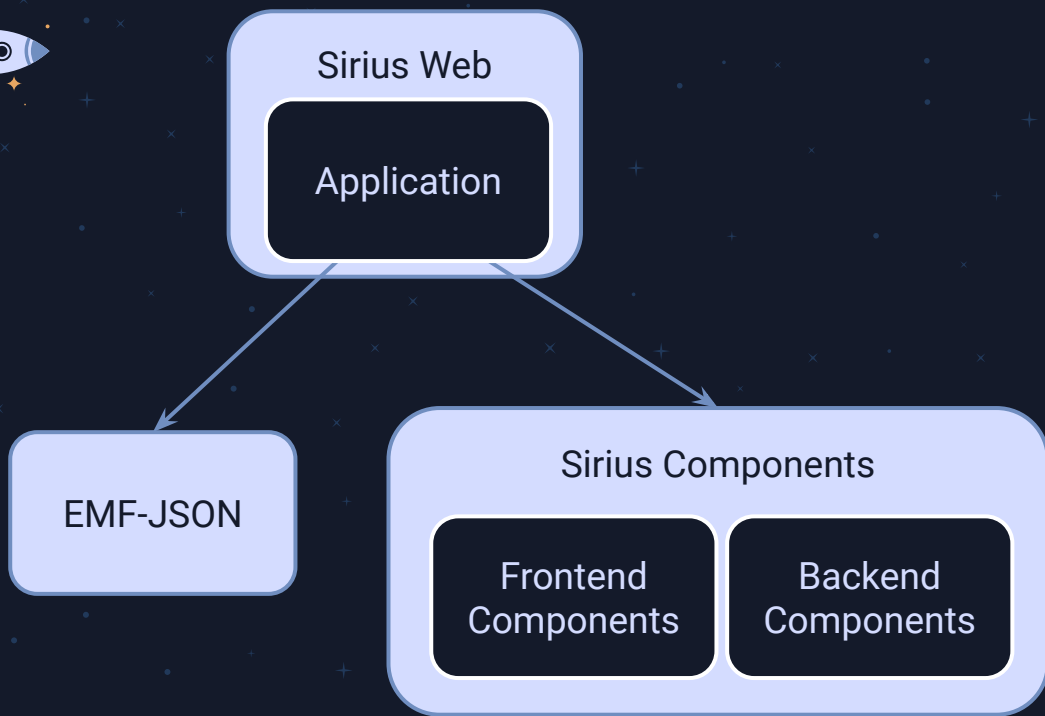
To deploy modeling tools to the web

Available in Sirius project at Eclipse
Foundation

<https://github.com/eclipse-sirius/sirius-web>



Sirius Web Architecture



Technical Details

Backend

Spring (Framework, MVC,
Security, Data JPA)

Reactor

EMF-JSON

Java

Protocols

HTTP

Websocket

GraphQL

Frontend

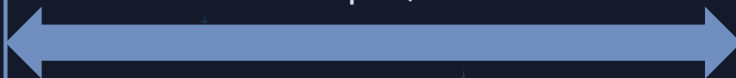
React

RollUp

Create React App

Webpack

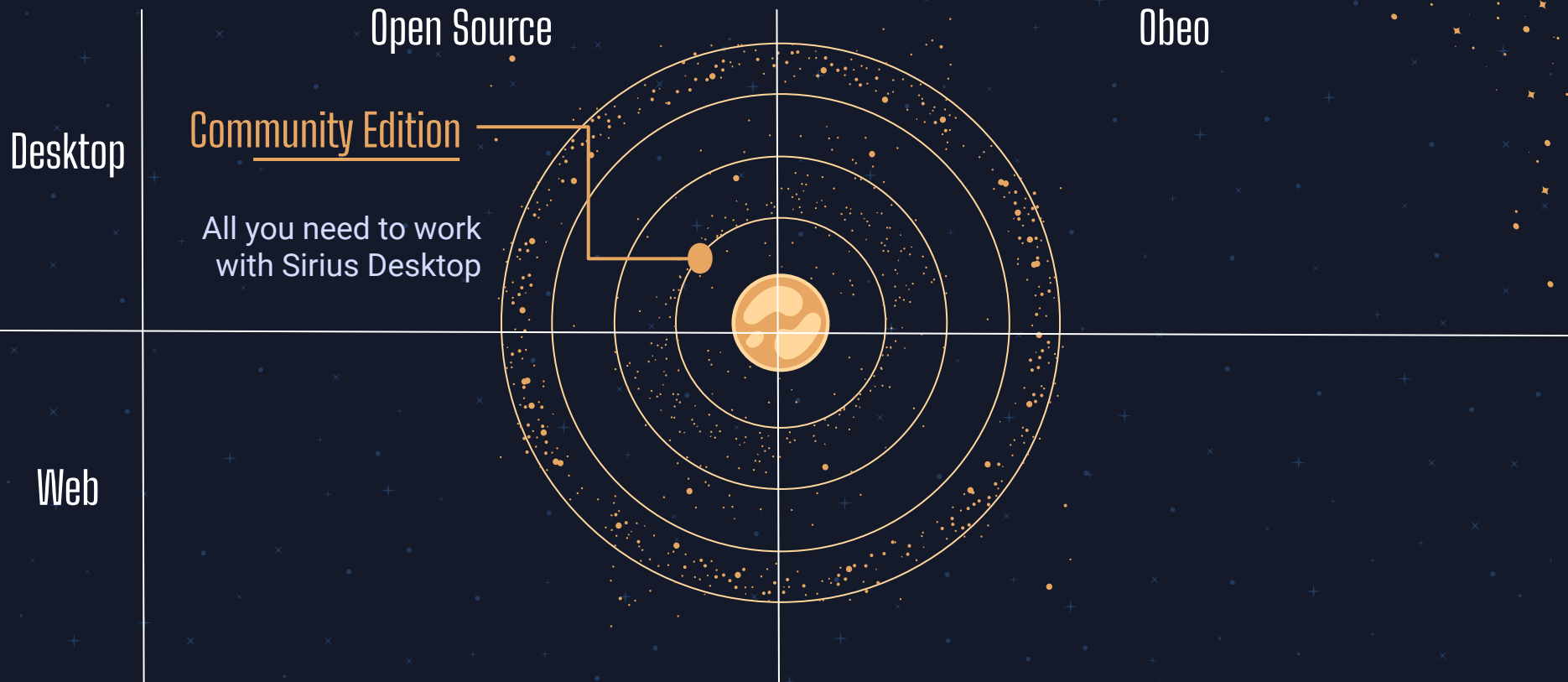
TypeScript



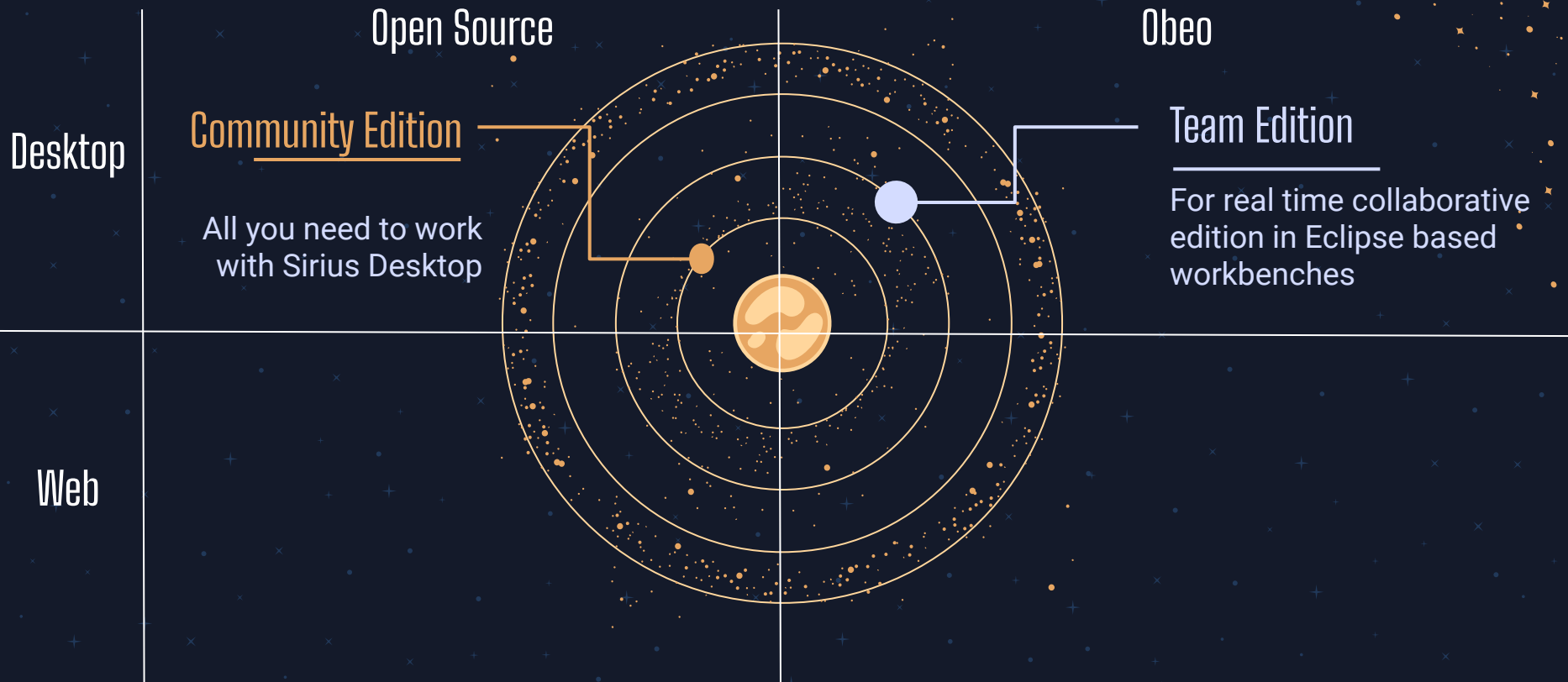
How to try Sirius Web? DEMO



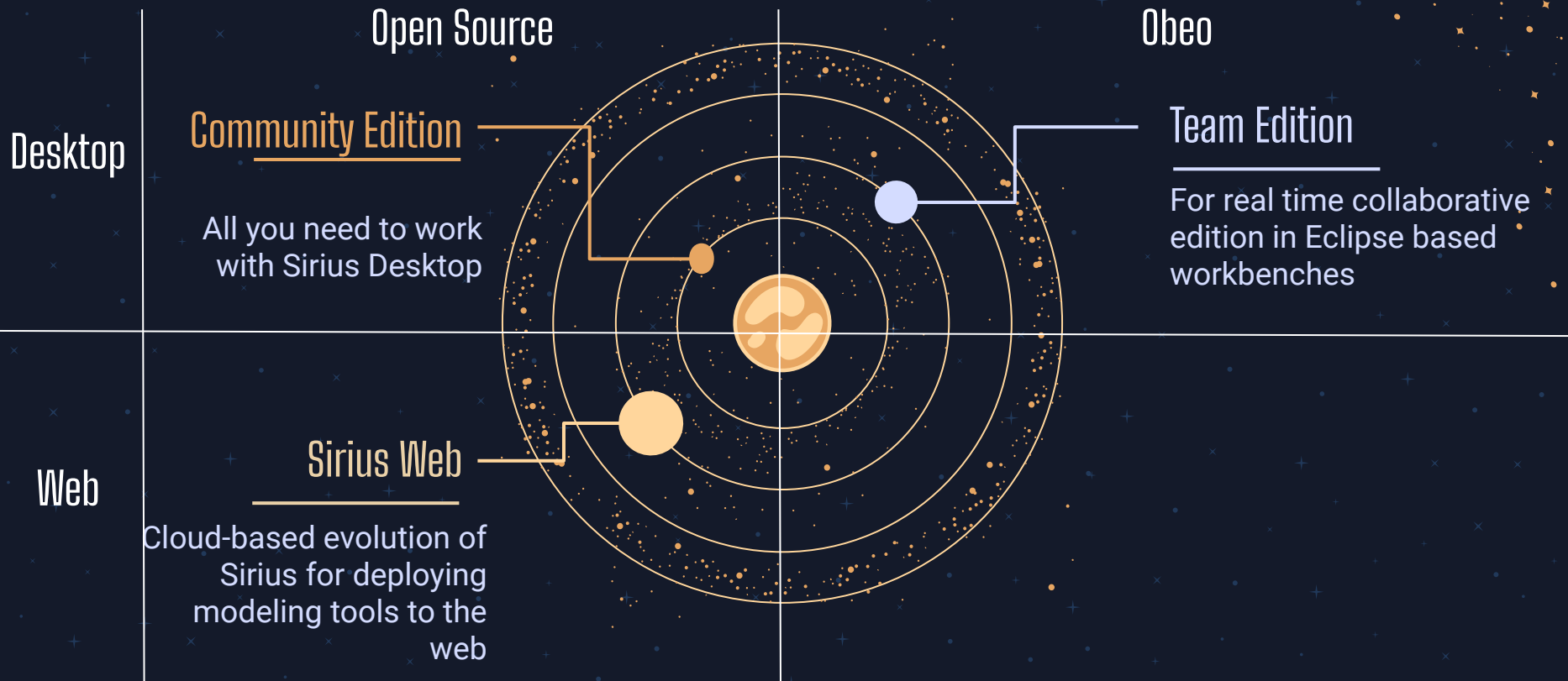
The Sirius ecosystem



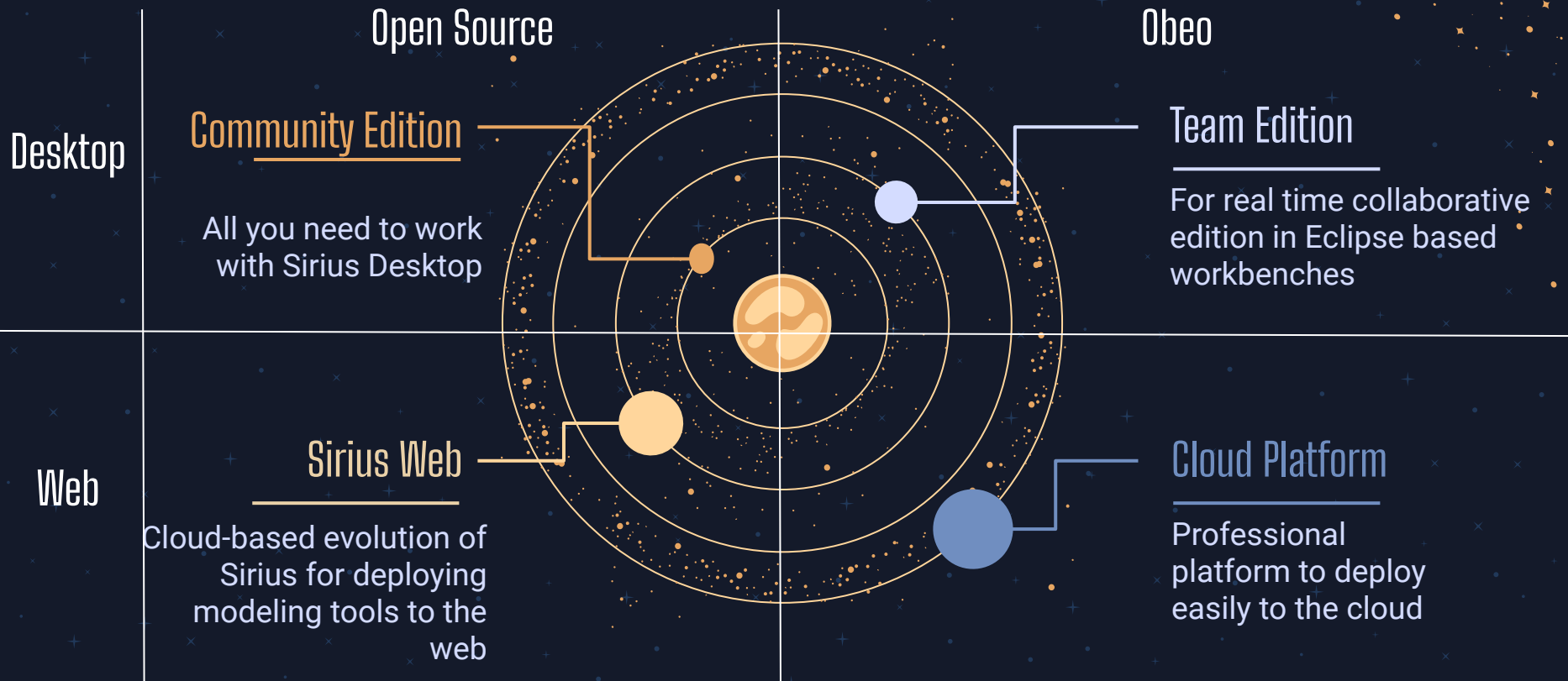
The Sirius ecosystem



The Sirius ecosystem



The Sirius ecosystem





Team Collaboration DEMO



Try in OCP



<https://www.obeocloudplatform-demo.com/signup>

So you can create graphical models
collaboratively from your browser!

Take away



100%
Open Source

100%
Enterprise

Sirius Web



Specify a modeler dedicated to a domain and render it in a browser:

- Configuration file
- CRUD
- Diagram
- Assisted Layout

<http://eclipse.org/sirius/sirius-web.html>



Obeo Cloud Platform

Enterprise solution relying on Sirius Web to deploy modeling tools to the cloud:

- Professional support
- Authentication
- Projects sharing
- Team collaboration

<https://www.obeo.fr/en/products/ocp-modeler>

Thanks!

Do you have any questions?

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http://bit.ly/ObeoBooth_EclipseCon2020



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