LF Edge



Welcome to the LF Edge wiki, where you will find information with a cross project focus. For individual projects, follow the links below.



LF Edge is an umbrella organization that aims to establish an open, interoperable framework for edge computing independent of hardware, silicon, cloud, or operating system. By bringing together industry leaders, LF Edge will create a common framework for hardware and software standards and best practices critical to sustaining current and future generations of IoT and edge devices.

We are fostering collaboration and innovation across the multiple industries including industrial manufacturing, cities and government, energy, transportation, retail, home and building automation, automotive, logistics and health care — all of which stand to be transformed by edge computing.

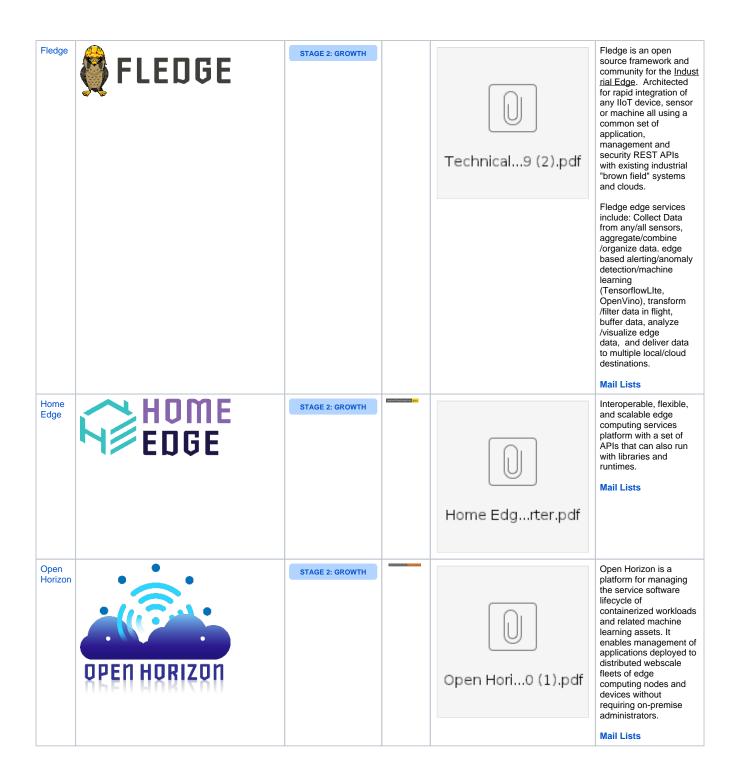
Questions? Please visit the FAQ.

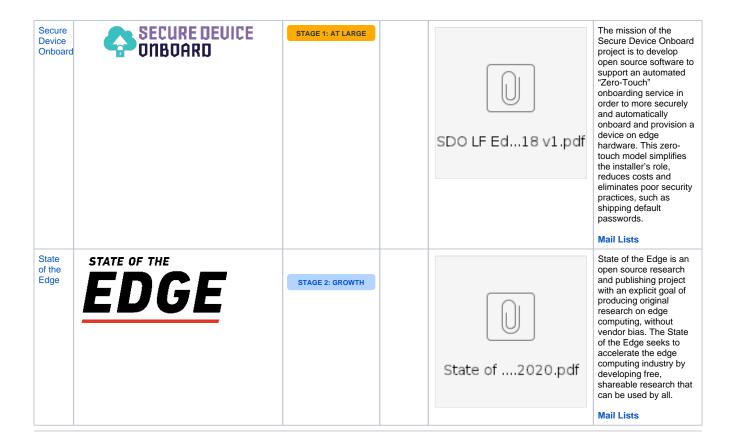
Projects

Title	Project	Status	CII Badge	Technical Charter	Description
Akraino	AKRAINO	STAGE 3: IMPACT		Akraino T 2020.pdf	Aims to create an open source software stack that supports high-availability cloud services optimized for edge computing systems and applications. Mail Lists



EdgeX Foundry	EDGE X FOUNDRY°	STAGE 3: IMPACT	EdgeX Fodocx.pdf	EdgeX, your data liberated! Highly flexible open source software framework that facilitates interoperability between heterogeneous devices and applications at the IoT Edge, along with a consistent foundation for security and manageability regardless of use case.
				neutral platform speeds developer and technology providers time to market by providing modular reference services for device-data ingestion, normalization, analysis and sharing in support of new IoT data services and advanced edge computing applications. Mail Lists
eKuiper	= eKuiper	STAGE 1: AT LARGE	eKuiper T (1).pdf	eKuiper is an edge lightweight IoT data analytics/streaming software implemented by Golang, and it can be run at all kinds of resource-constrained edge devices. One goal of eKuiper is to migrate the cloud streaming software frameworks (such as Apache SparkA pache Storm and Apach e Flink) to the edge side. eKuiper helps to bring computation closer to where data is generating, with an introduced rule engine to enable streaming applications on the edge side.
EVE		STAGE 2: GROWTH	Enterprisarter.pdf	An open abstraction engine that simplifies the development, orchestration and security of cloud-native applications on distributed edge hardware. Supporting containers, VMs and unikernels, EVE provides a flexible foundation for Industrial and Enterprise IoT edge deployments with choice of hardware, applications and clouds. Mail Lists







Mailing Lists

A full directory of LF Edge Mailing Lists can be found at https://lists.lfedge.org/g/main



Help Us Improve the Wiki

This Wiki is owned by the LF Edge Community. Contributions are always welcomed to help make it better!

In upper right, select Log In. You will need a Linux Foundation Account (can be created at http://myprofile.linuxfoundation.org/) to log-in. For a Wiki tutorial, please see Confluence Overview. Thank you!

Recent space activity



Sayam De

LF Edge Mentorship Program(Proposal) commented Aug 12, 2022



Kendall Perez

Project Proposals updated Aug 10, 2022 • view change

LF Edge Ideation created Aug 08, 2022



hussein Alayan

Project Automatos updated Aug 08, 2022 • view change



Kendall Perez

Technical Advisory Council (TAC) updated Aug 02, 2022 • view change

Space contributors

- Kendall Perez (5 days ago)
- hussein Alayan (7 days ago)
- Oleg Berzin (17 days ago)
- Mark Riddoch (19 days ago)
- Robert Raesemann (19 days ago)

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