



SOFTWARE-ENABLED FLASH™

Software-Enabled Flash™

TSC Meeting Nov 16, 2022

 THE **LINUX** FOUNDATION

# Software-Enabled Flash Project - TSC Meeting Agenda

**Welcome**

**2022 Activity**

**Project Updates**

**Discussion Topics for the OSS Project**

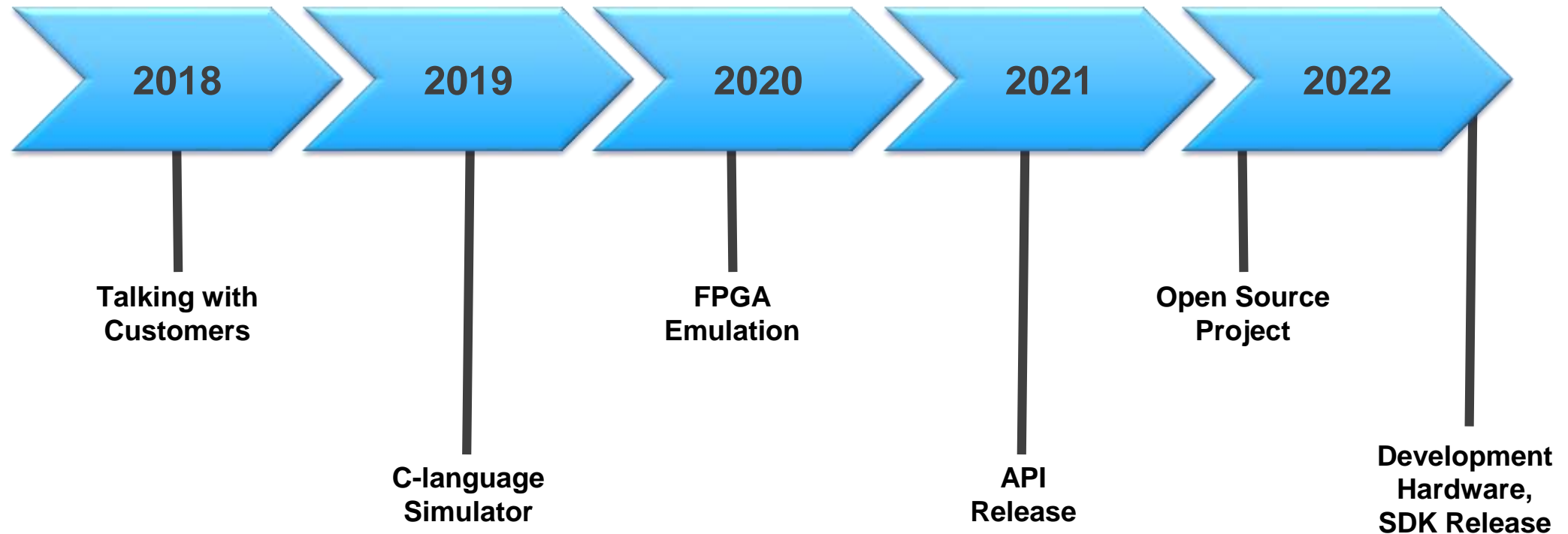
Applications & drivers to consider developing  
(FDP, databases, object storage, others)

**Links For More Information**

# Linux Foundation Code of Conduct

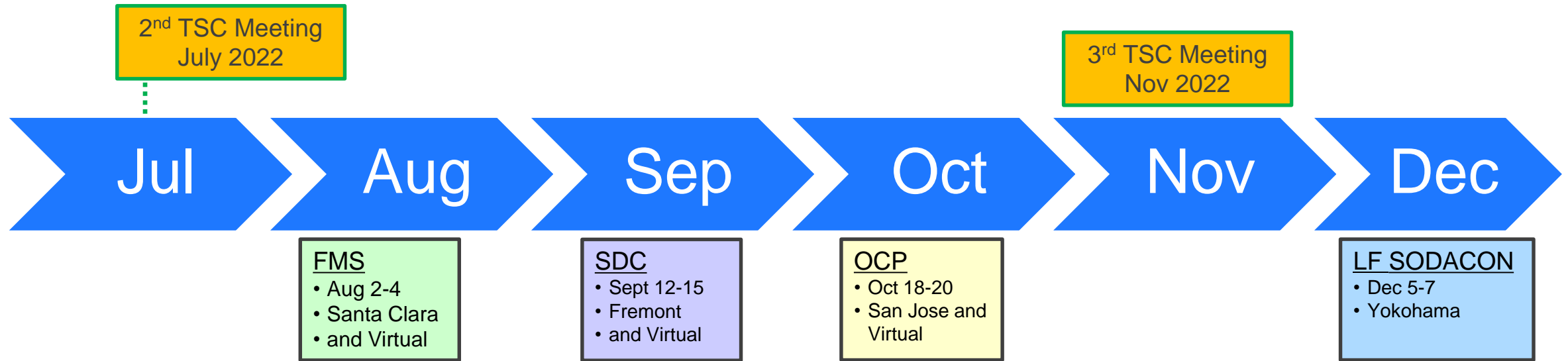
- › LF Projects is committed to maintain a positive, professional work environment. This commitment calls for workplaces where participants at all levels behave according to the rules of the following code. A foundational concept of this code is that we all share responsibility for our work environment.
- › Full code text
  - › <https://lfprojects.org/policies/code-of-conduct/>

# How did we get here?



**Flash is Now Software Defined**

# SEF 2022 Timeline



New Member Welcome

**MARVELL** our  
**newest member!**



# SDK

- › SEF SW Development Kit
  - › SEF Library
  - › SEF reference FTL
  - › SEF CLI
  - › SEF FIO
  - › SEF QEMU Block + ZNS
  - › NVMe Driver / IO\_URING enhancements
  - › **Adding FDP**
- Documentation
  - › SEF API specification
  - › SDK document
  - › SEF command set specification

**SDK enables developers to evaluate and test Software-Enabled Flash™ without writing a single line of code**

# Collaboration Resources

- › **GitHub**
  - › <https://github.com/SoftwareEnabledFlash/>
  - › <https://github.com/SoftwareEnabledFlash/TSC/>
- › **Online API Docs**
  - › <https://softwareenabledflash.github.io/SEF-API/>
- › **Mailing List**
  - › <https://lists.softwareenabledflash.org/g/sef-dev/join>
- › **Sign Up for SEF Project**
  - › <https://enrollment.lfx.linuxfoundation.org/?project=sef>



# Open Discussion

“what else ya got?”

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