



# AGL Update

*AGL All Member Meeting Japan  
May 13, 2026*

*Walt Miner  
Senior Director AGL Community  
The Linux Foundation*

# Who is This Guy?

- AGL Development and Community Manager since 2014
- Previously at MontaVista and Mentor Graphics
- Continental AG
- Motorola Mobile Devices
- Motorola Telematics Communications Group



# 2025 – What a Year!

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## Platform Releases

- 17 UCB releases + milestone releases
- Feb – **Super Salmon (19.0.0)** released
- Jun – **Terrific Trout (20.0)** – 20th major UCB release, built on Yocto Scarthgap 5.0
- Dec – **SoDeV** SDV Reference Platform announced (led by Panasonic, Honda & SDV EG)

## Events & Community

- Mar – Gateway & RISC-V demos at **Embedded World**
- Sep – **10 years of UCB development** celebrated at Berlin AMM
- AGL participated in **Google Summer of Code 2025** (3 projects proposals mentored)

## Industry Adoption

- **Toyota** launched new IVI experience built on AGL
- **Suzuki** chose AGL + Qt for digital cockpit of e Vitara (first EV)
- **OSPO Expert Group** developed promotion deck, showcase & contribution guides

# 2026 Toyota RAV4

Next generation of Toyota UI using  
**Automotive Grade Linux** and **Flutter**

Considerable investment in **Flutter Embedder**

- Enhanced network connectivity
- More intuitive & customizable design
- Quicker voice assistant response
- Built-in drive recorder



[Source: Toyota Pressroom](#)

Images copyright Toyota

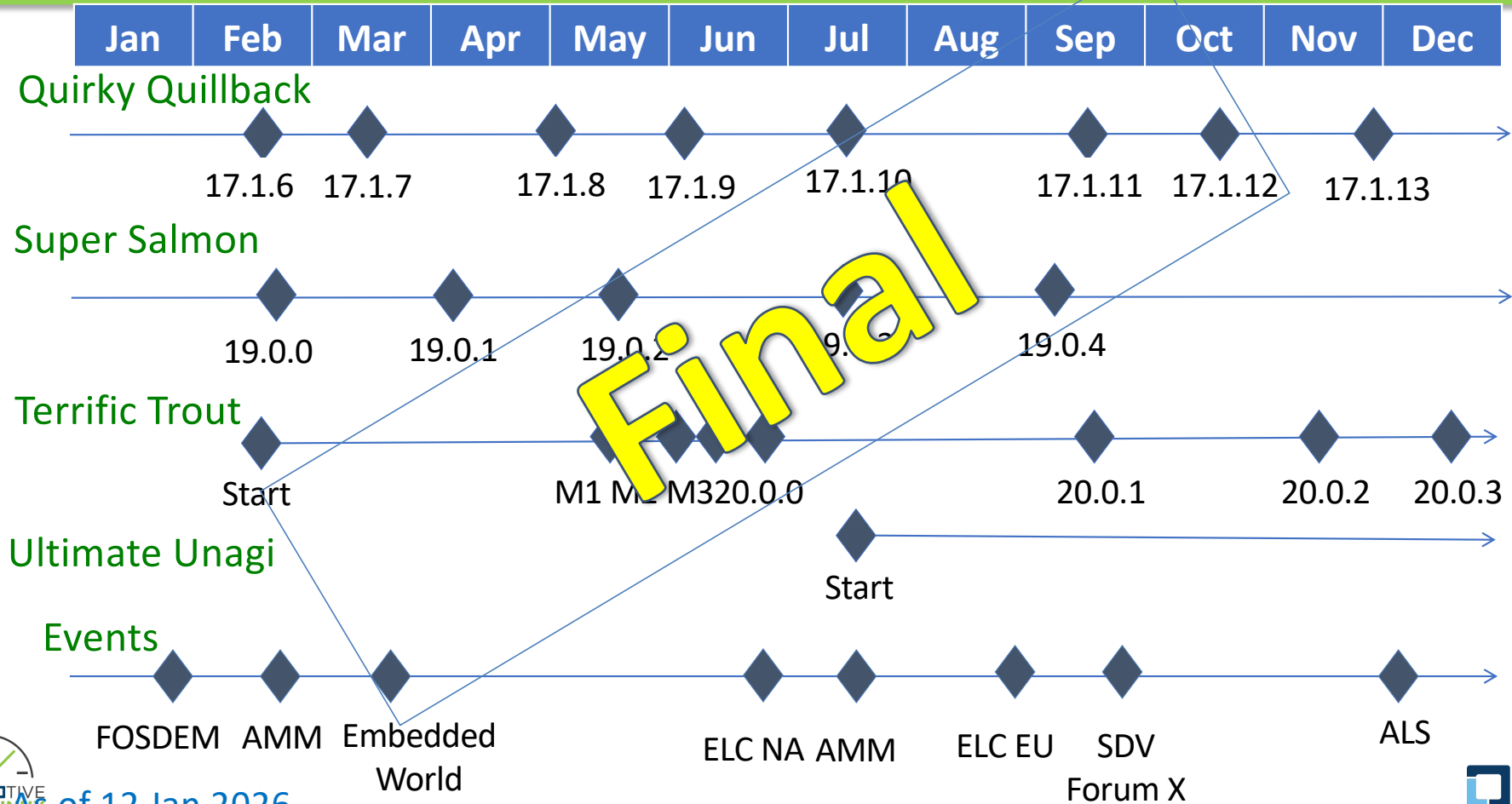
# Suzuki e Vitara

- New Suzuki EVs feature AGL and QT
- Developed by Aisin and Yazaki



<https://www.qt.io/press/suzuki-chooses-qt-to-power-its-digital-cockpit-for-mainstream-evs?hsLang=en>

# 2025 AGL Schedule



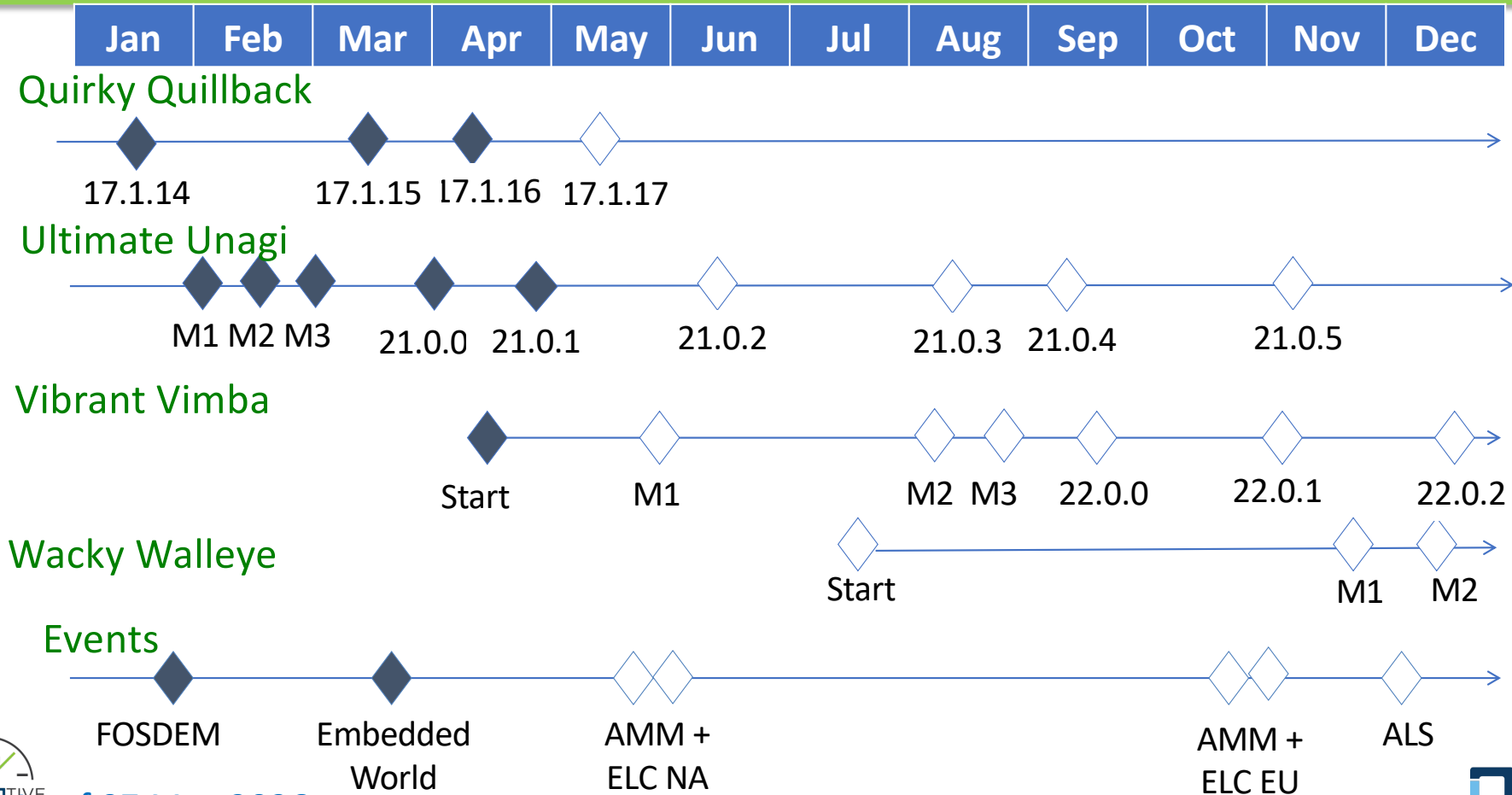
Final



As of 12 Jan 2026



# 2026 AGL Schedule



AGL of 07 May 2026



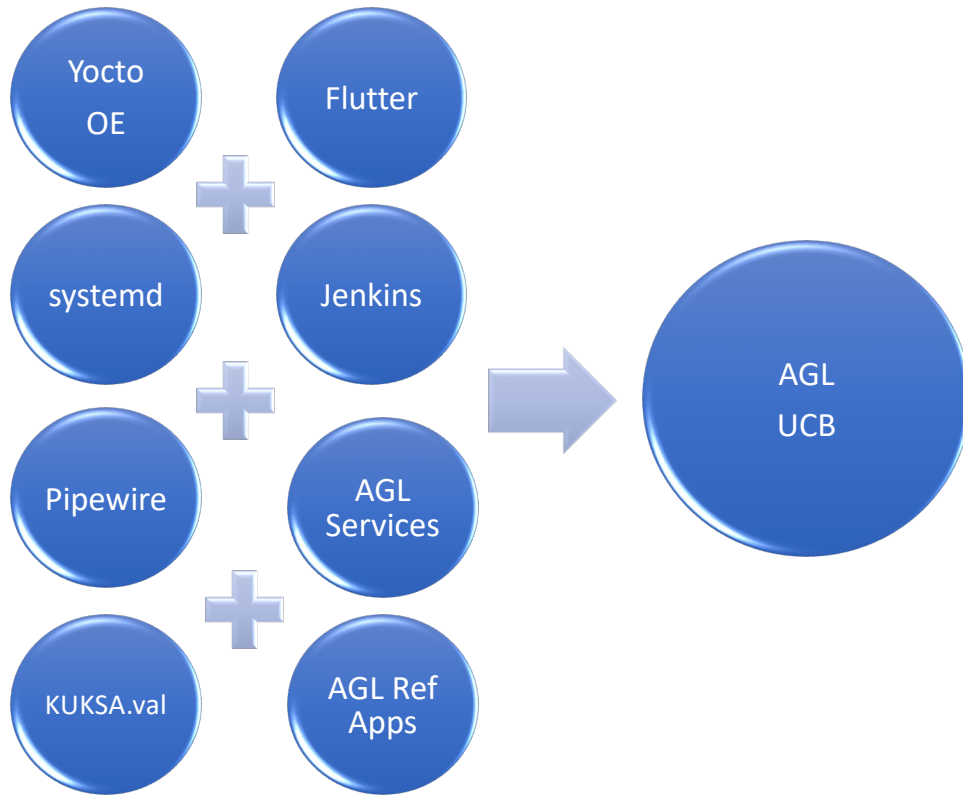
AGL is “Code First”

FUTURE  
—  
START



AutomotiveLinux.org

# AGL Distro “Unified Code Base”



- *Unifying the best of Open Source into a single shared code base for the entire industry!*
- *Reduce fragmentation, focus on innovation and new features!*
- *Completely open source and transparent!*
- *Fully customizable; supported by an ecosystem of Tier Ones and service providers*

# Code First/ Upstream First

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- AGL has invested in automotive software components not available anywhere else
- Continually evaluating open source technologies to find best in class for automotive use cases
- AGL has invested (provided developers and upstreamed code) in open source projects such as Pipewire, Yocto, Lava, and others.
- Willing to collaborate with anyone who brings code

# Device Profiles

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- IC Expert Group has multiple IC configurations including bare metal Linux and container versions
- IVI Expert Group bringing embedded Flutter into vehicle
- Gateway device – data collection and aggregation for telematics, V2C and telemetry using VSS

# AGL and Yocto

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- AGL is a Silver Member of the Yocto Project
- Yocto and OpenEmbedded serve as our primary upstream
- Yocto enables multiple boards, device profiles, and even multiple images per device profile to be created from a single source tree
- Generally tracking Yocto LTS versions

# Yocto Project 4.0 (Kirkstone)

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- Yocto Project's LTS released in April 2022
- Support currently ended in April
- AGL updated Quirky Quillback after every Kirkstone release
  - 17.1.14 -> YP 4.0.32
  - 17.1.15 -> YP 4.0.33
  - 17.1.16 -> YP 4.0.34
  - 17.1.17 -> YP 4.0.35 <----- Will be released this week!
- Quillback EOL after 17.1.17

# Yocto Project 5.0 (Scarthgap)

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- Yocto Project's spring 2024 Long-term support (LTS) release released in April 2024
- Support currently planned until Spring 2028
- Ultimate Unagi (21.0.x) is the new AGL LTS version tracking Scarthgap
- [Excellent presentation](#) given by Scott Murray during ELC Europe about how we made the transition to Scarthgap

# Ultimate Unagi

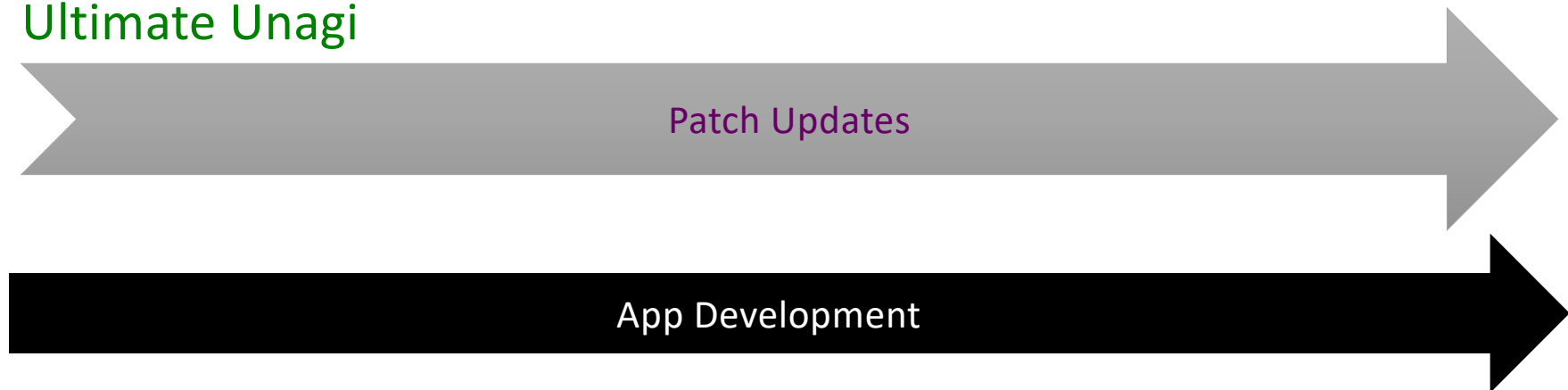
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- YP Scarthgap – Unagi updates until 2028
- First version of SoDeV available
- Flutter continues to closely follow Google’s tip of tree
- Unified HMI development (Murakami-san has a talk tomorrow)
- Updates to latest KUKSA.val, databroker and VSS
- Latest Flutter Embedder and Workspace Automation tooling.
  - Jan-Simon Möller has a talk later about using the Flutter Workspace Automation

# Ultimate Unagi Patch Releases

Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec

Ultimate Unagi



21.0.0	21.0.1	21.0.2	21.0.3	21.0.4	21.0.5
04.02	04.28	06.12	08.13	09.18	11.06

As of 07 May 2026

# Yocto Project 6.0 (Wrynose)

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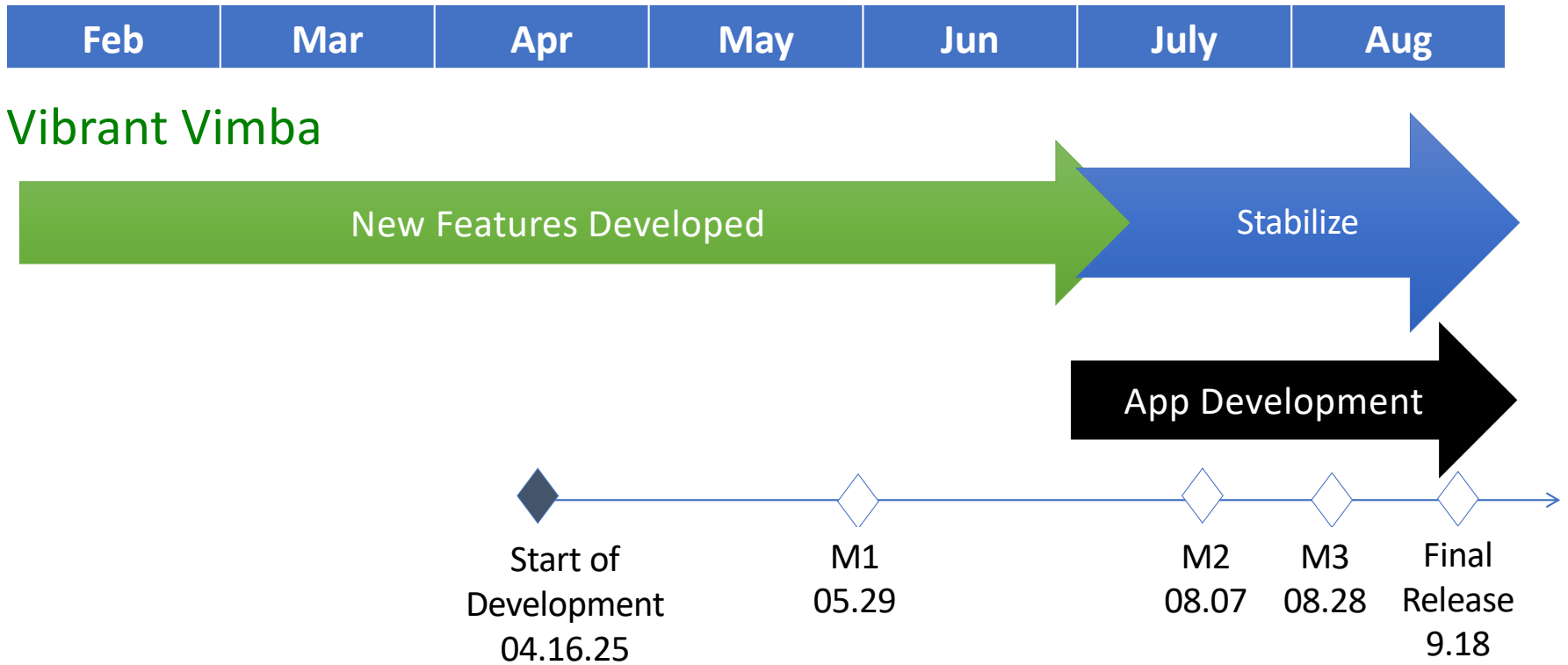
- Yocto Project's spring 2026 LTS version to be released this week
- Scott has a presentation about getting AGL ready for wrynose tomorrow afternoon
- Vibrant Vimba will be first AGL release using wrynose

# Vibrant Vimba

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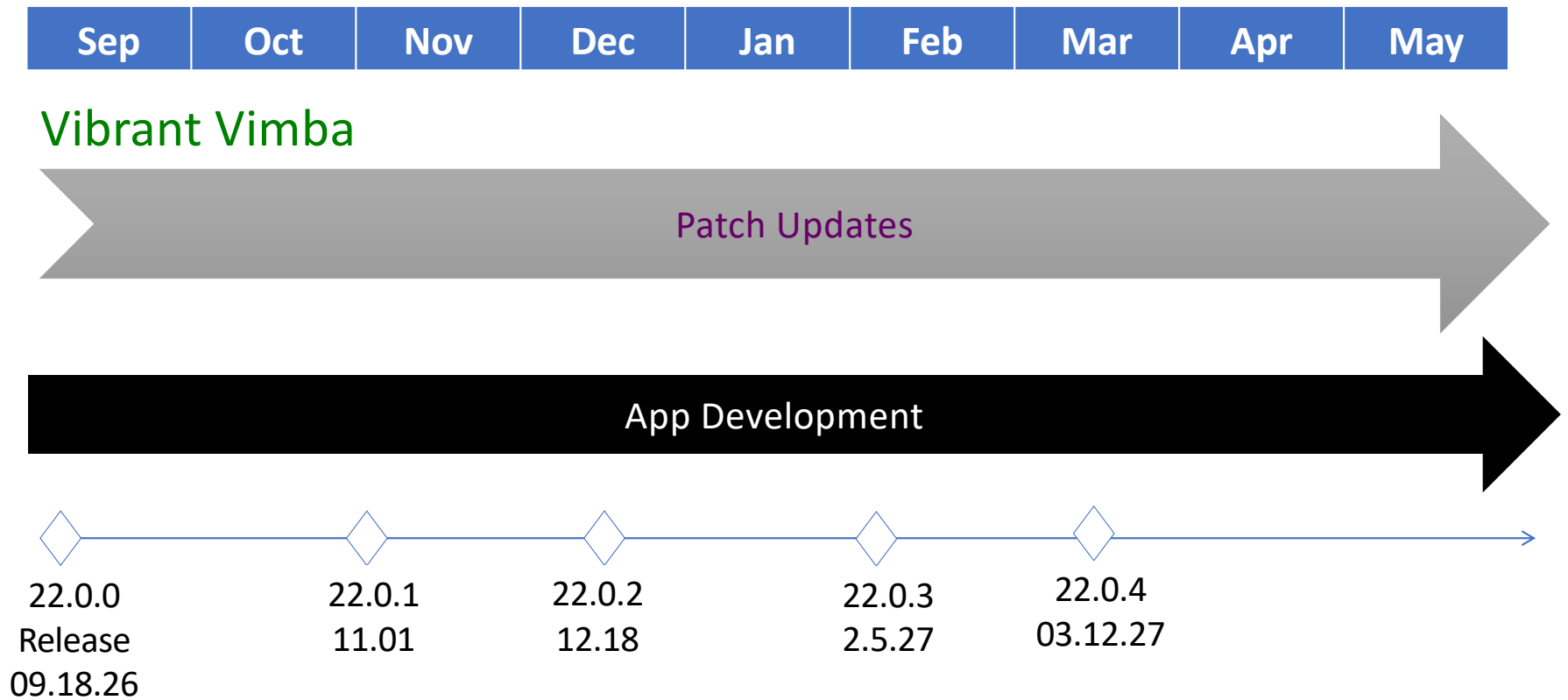
- Continue with latest YP 6.0 updates
- Improvements to SoDeV platform
  - Zephyr and Xen available
- Rich set of Flutter updates from Toyota
- Flutter Embedder Updates (for V2 to be released for Vimba)
  - Wayland EGL Platform View Support
  - DRM/KMS backend
  - Hardware Keyboard support / Legacy Keyboard moving to build flag
  - Video Player Linux – Platform View
  - Make use of optimal path for hardware rendering for camera and video playback using DRM/KMS backend
  - Maplibre platform view plug-in

# Vibrant Vimba



As of 09 May 2026

# Vibrant Vimba Patch Releases



As 07 May 2026

# Active Expert Groups

- Find latest activities for all Expert Groups on our [Confluence Page](#)



AUTOMOTIVE  
GRADE LINUX

Information about AGL can also be found on our [documentation site](#) and [wiki page](#).

## Software

Want to find the latest releases and download software? Get the [latest release notes](#) and information on downloading source code, the Software Bill of Materials, pre-built binaries and more.

## Expert Group Pages

Expert Group Pages

App FW and Security EG Home	Connectivity EG Home	Continuous Integration and Automated Testing	Instrument Cluster Home	IVI Production Readiness
OSPO EG Home	Reference Hardware System Architecture Home	SDV EG	System Architecture Team Home	Vehicle to Cloud EG Home

# SDV EG

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- Jerry Zhao and others have a number of presentations this week

# Open Source Program Office (OSPO) EG

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- The Linux Foundation has numerous resource available for open source projects and OSPOs
- AGL forming an OSPO EG led by Toyota to address the special issues in the automotive community
  - Encourage participation in OSS communities
  - Contribution process for automotive companies
- Monthly meetings
- Update on OSPO EG activities will be presented by Walt Miner tomorrow afternoon

# IVI EG

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- [Confluence Page](#)
- Flutter Embedder – many updates made for Trout
- Toyota continues to coordinate their internal Flutter and open source versions of Flutter
- [App Store Proof-of-Concept](#)
  - GSoC contributor selected and is being mentored by Joel
- Weekly meeting on Thursdays – alternating Japan friendly time – we have been getting attendees!

Do you want to get involved?  
How can you help?  
Good question!

# Workshop on Friday

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- Sign up here
  - <https://wiki.automotivelinux.org/agl-distro/may2026-f2f>



# AGL Discord

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- Share your experience and any questions you have about AGL
- Launched in November
- AGL Discord Server can be found at <https://discord.gg/ZztCaVeQVG>
- Over 100 participants and growing



# Collaboration Opportunities

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- All Expert Groups Meet every other week
- Weekly developer call on Thursdays at 9 am EST
- Mail list - <https://lists.automotivelinux.org/groups>

# AGL Resources

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- [Confluence](#) – follow links to expert groups
- [Wiki](#) – including [latest schedule](#) and [release notes](#)
- [Documentation Site](#)
- [Developer Mail list](#)
- [Getting started guide](#)
- [Git repos](#) and [gerrit](#)
- [All-Member Meeting archive](#) with videos and slides
- [Jira](#)

# THANK YOU

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