COREMEDIA

Elevate Experience. Drive Impact.

Architecture and Technology Update

What's Brewing and What's Coming to CMCC in the (Not-So-Distant) Future

Index

What's **Coming**

What's **Brewing**

1. Security & Compliance: New CMCC Release Strategy
From "never touch a running system" to reliable technology updates

2. Move to the Cloud
From custom applications to customizable SaaS and Cloud APIs

3. UI Modernization
From one comprehensive UI to Studio Apps and Micro Frontends

4. How it All Fits Together
Towards modern system architecture and technology

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Security & Compliance: New Release Strategy

From "Never Touch a Running System" to Reliable Technology Updates

Pet project *Jangaron*:
What is "old"?
What is "stable"?
What is "experimental"?
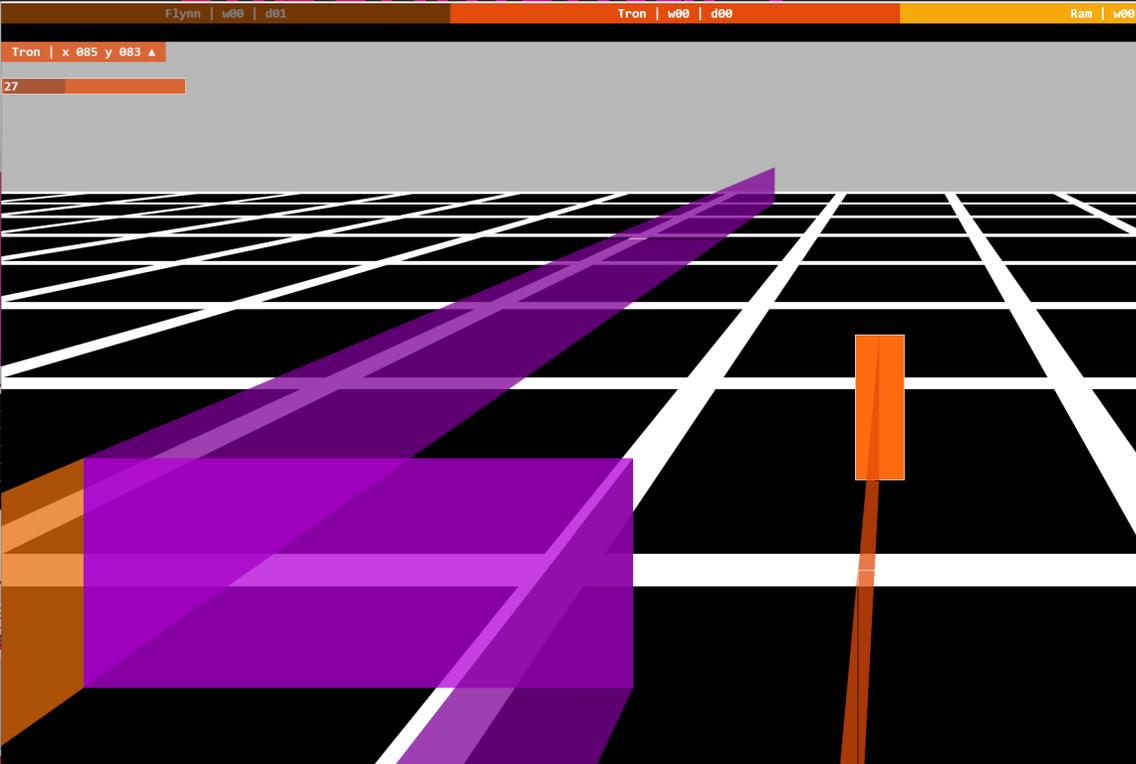
JANGARON
The Tron Lightcycle Game in Any Browser

Welcome to **Jangaron**, a 3D Tron Lightcycle game that runs in (almost) any browser, without any plug-in!

Please choose the version you want to play:

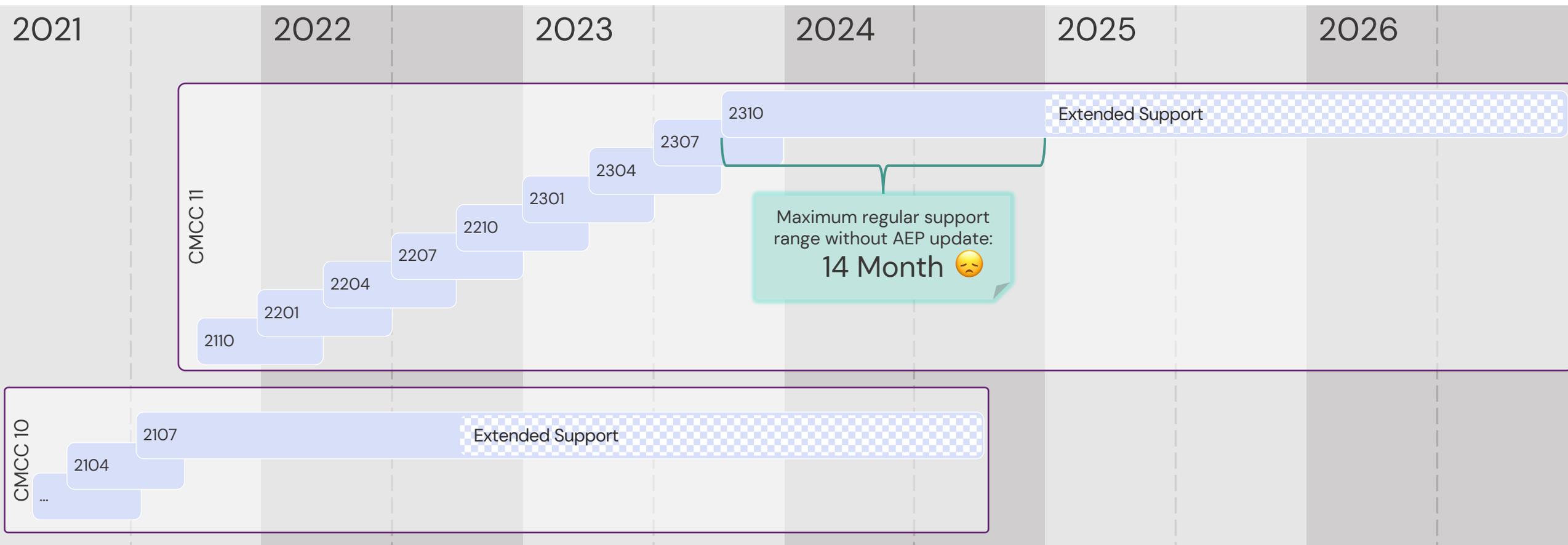| Jangaron 0.6 (stable version)	Jangaron 0.7 (experimental version)	Jangaron 0.5 (old version)
Additionally featuring different 3rd-person-perspectives (press '4').	iOS support, HTML5-Sound, new controls (press 'Shift' and 'Ctrl' with arrow keys).	Featuring look left/right/aback, music, sounds, saved settings, and team play.
Instant action ("Jangaron mini")		Instant action ("Jangaron mini")
Stand-alone version (AIR)		
Get Abobe AIR		

The Jangaron Blog

Read news and background information about Jangaron!

Flynn | w00 | d01   Tron | w00 | d00   Ram | w00

Tron | x 085 y 083 ▲

27

Current CMCC Release Lifecycle

AEP Releases at Predictable Dates, Majors 18–28 Months, LTS at End

The size of the box indicates the lifetime over which AMP patch versions (2310.2, ~.3, ...) are released

New features (Major or AEP)

| 2021 | 2022 | 2023 | 2024 | 2025 | 2026 |

CMCC 11

- 2110
- 2201
- 2204
- 2207
- 2210
- 2301
- 2304
- 2307
- 2310 — Extended Support

Maximum regular support range without AEP update:
14 Month 😞

CMCC 10

- ...
- 2104
- 2107 — Extended Support

CMCC 12+ Release Lifecycle Overview

Major Releases at Predictable Dates (18 Month), AEPs every 6 Month

New features (Major or AEP)

2024 2025 2026 2027 2028 2029 2030

CMCC 14
2706
2712
2806

CMCC 13
2512
2606
2612
Extended Support

CMCC 12
2401
2404
2406
2412
2506
Extended Support

CMCC 11
... 2310
Extended Support

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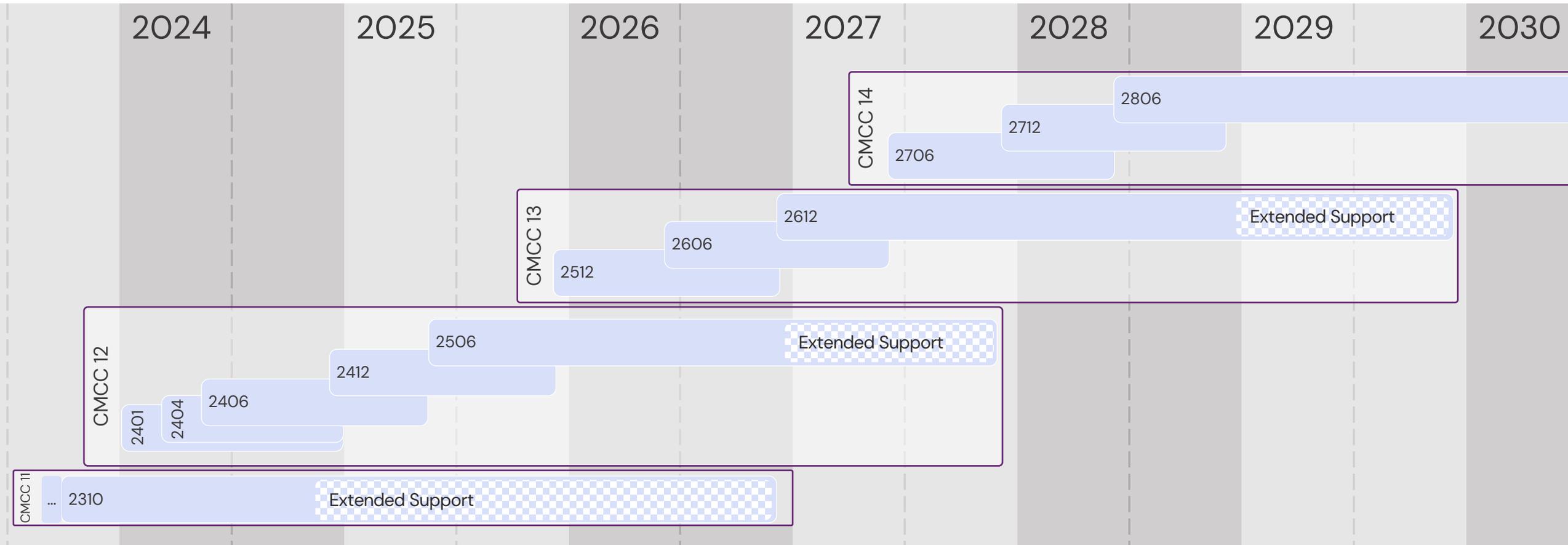
CMCC 12+ Release Lifecycle Overview

LTS at the Beginning of a Major

New features (Major or AEP)

2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030

2806

712

Maximum regular support range without AEP update:

36 Month 😃

CMCC 13

2612

2606

2512

Extended Support

CMCC 12

2506

2412

2406

2401

2404

Extended Support

CMCC 11

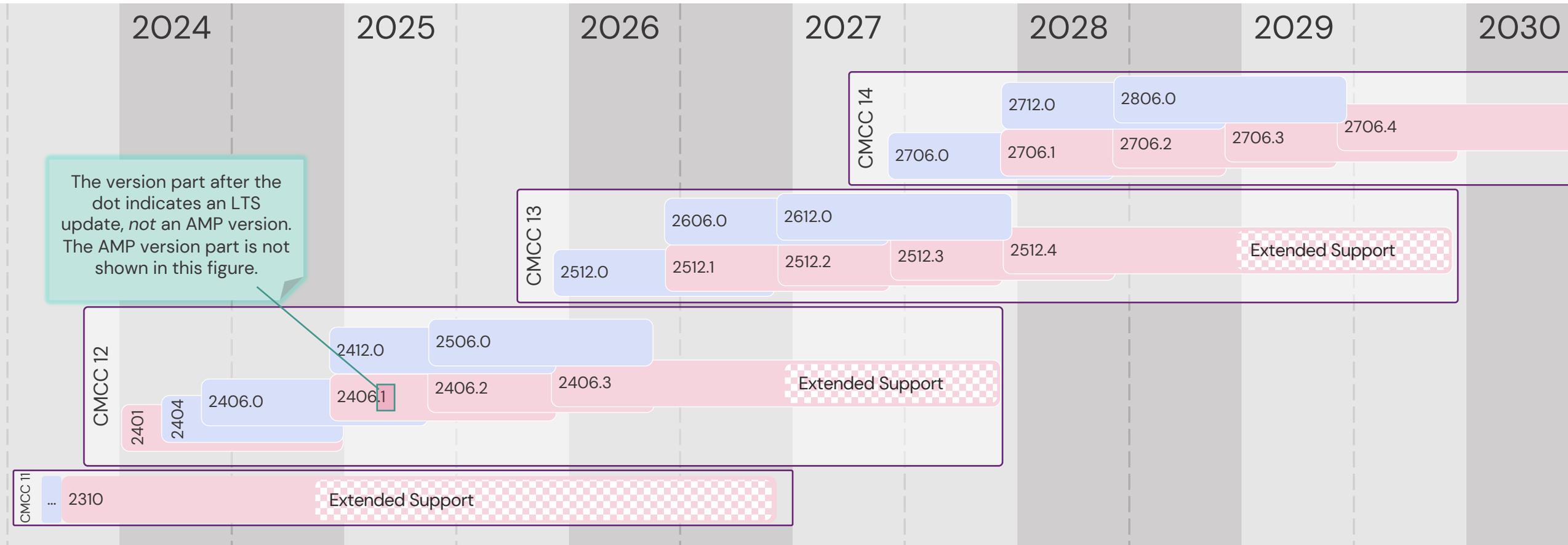... 2310

Extended Support

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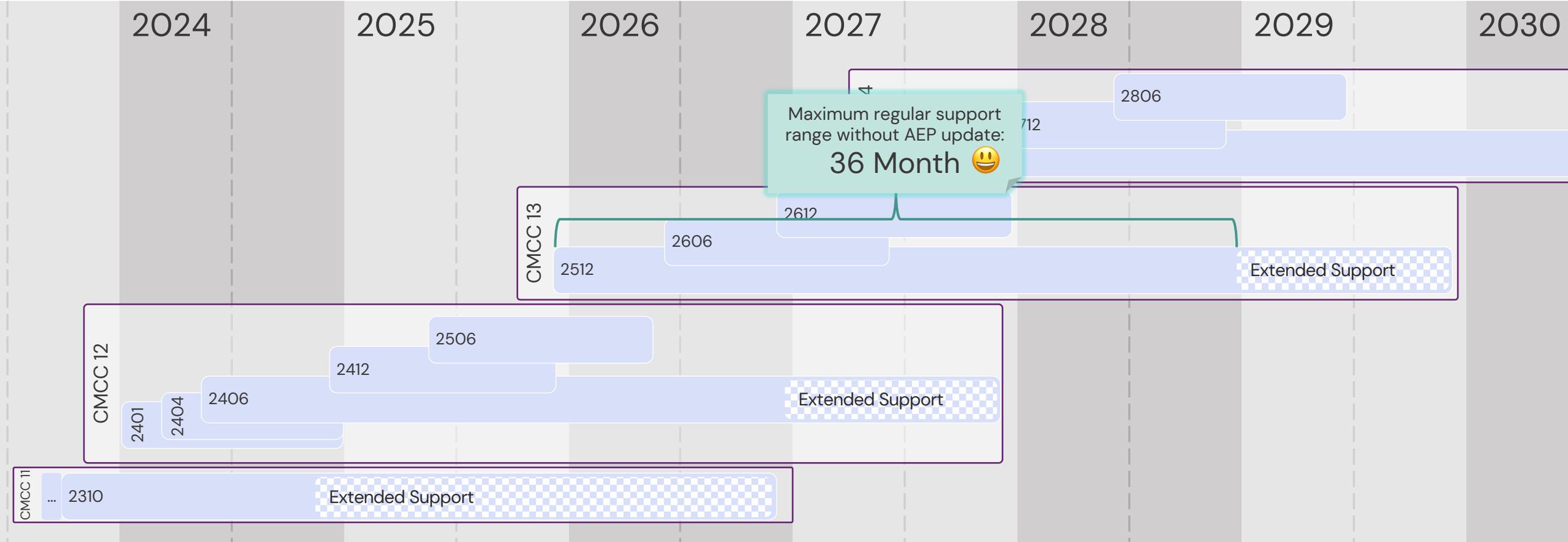
CMCC 12+ Release Lifecycle Overview

Introducing LTS Releases to Allow Breaking Security Updates

New features (Major or AEP)

Security updates only (LTS)

2024 | **2025** | **2026** | **2027** | **2028** | **2029** | **2030**

CMCC 14
- 2712.0
- 2806.0
- 2706.0
- 2706.1
- 2706.2
- 2706.3
- 2706.4

CMCC 13
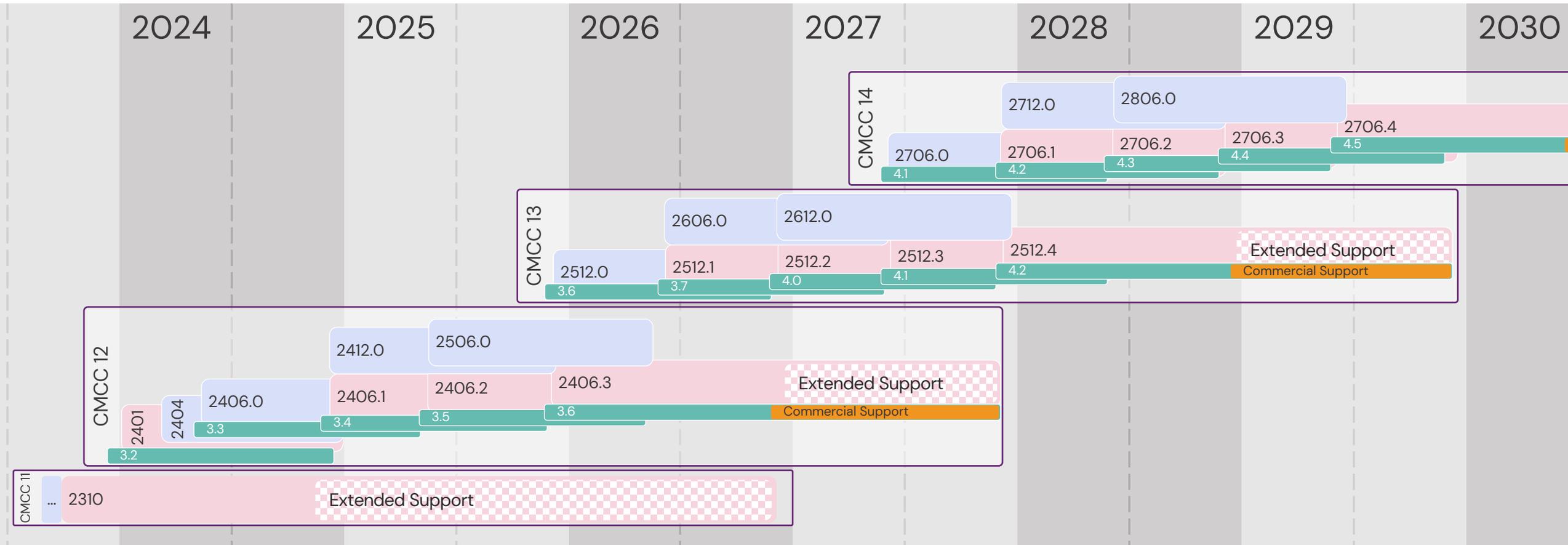- 2606.0
- 2612.0
- 2512.0
- 2512.1
- 2512.2
- 2512.3
- 2512.4
- Extended Support

The version part after the dot indicates an LTS update, *not* an AMP version. The AMP version part is not shown in this figure.

CMCC 12
- 2412.0
- 2506.0
- 2401
- 2404
- 2406.0
- 2406.1
- 2406.2
- 2406.3
- Extended Support

CMCC 11
- ...
- 2310
- Extended Support

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CMCC 12+ Release Lifecycle Overview

Aligning with Spring Boot Lifecycle

New features (Major or AEP)

Security updates only (LTS)

Spring Boot Version

| 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 |

CMCC 14
- 2712.0
- 2806.0
- 2706.0 — 4.1
- 2706.1 — 4.2
- 2706.2 — 4.3
- 2706.3 — 4.4
- 2706.4 — 4.5

CMCC 13
- 2606.0
- 2612.0
- 2512.0 — 3.6
- 2512.1 — 3.7
- 2512.2 — 4.0
- 2512.3 — 4.1
- 2512.4 — 4.2
- Extended Support
- Commercial Support

CMCC 12
- 2412.0
- 2506.0
- 2401
- 2404
- 2406.0 — 3.3
- 2406.1 — 3.4
- 2406.2 — 3.5
- 2406.3 — 3.6
- Extended Support
- Commercial Support
- 3.2

CMCC 11
- ...
- 2310
- Extended Support

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Easier Upgrades

Improved Blueprint Version History, Including Automatic Conversion Commits
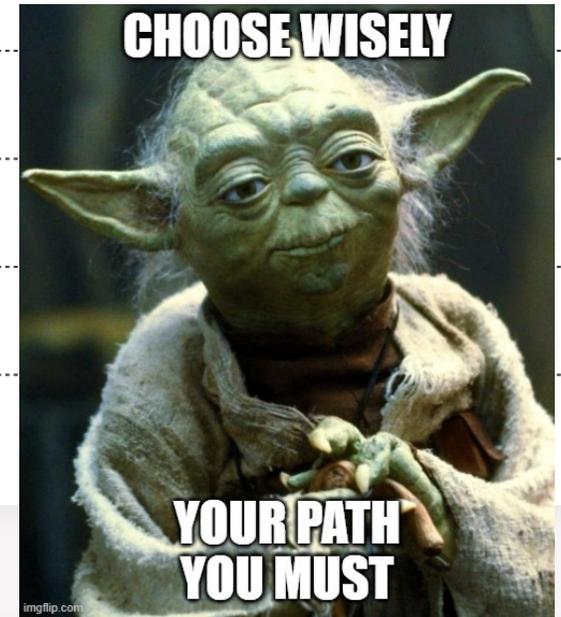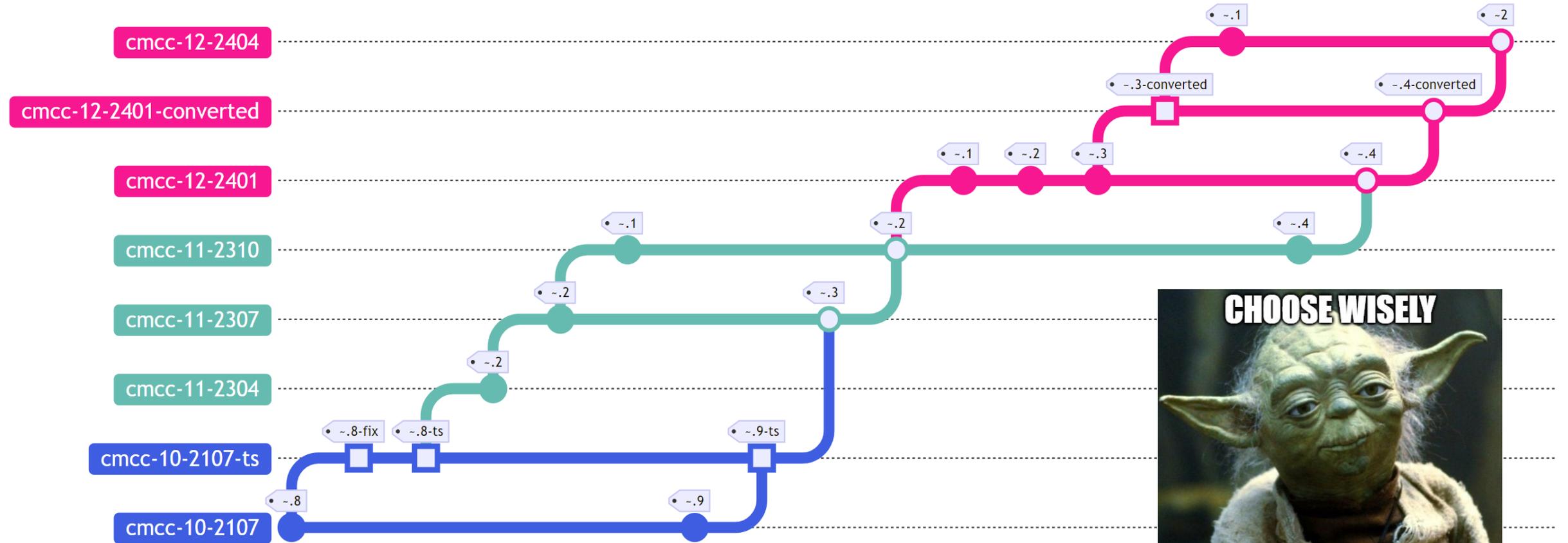
Benefits

Alignment, planning, minimize upgrade

Reduced breaking changes in LTS releases to the minimum, focusing on maintenance and security.

Introduction of webinars and documentation to assist customers in understanding and managing the upgrade process.

Clarification of upgrade paths for new and existing customers, ensuring security and compliance.

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From ...

Migrate Customizations from Classic Java Code to Cloud Technology

Importer (command line tool)

Repository Listener (Java API) / Custom Feeder

In-Process Image Transformations

Scripting Client (Java, using UAPI→CORBA)

Data Integration (Java, CAE ContentBeans)

Custom Content Logic (Java, Studio Server + Feeder)

To ...

Available

Ingest Service (REST)

Available

Event Hub Listener (Webhook)

Available

Image Transformation Service (SaaS)

Coming

Scripting Client (JavaScript, using UAPI→REST)

Brewing

Delivery Service Middleware + Custom Web Functions

Brewing

"Customizable SaaS": Callbacks from CMS Cloud Service

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Microservice Guidelines

Composable

API First

Multi-Tenant

Elastic

Observable

UI Modernization

From One Comprehensive UI to Studio Apps and Micro Frontends

Studio Apps

Access to All Studio Apps via Burger Menu

App Frame with Name

Loosely Coupled Applications with Client–Side Interaction

CoreMedia Studio

Content   Favorites ⌄   Create ⌄   orp. | English (United States) ⌄   Adam ⌄

Chef Corp. USA Home... ✕   Engagement Cloud

12 ⌄   English (United States) ⌄   Page ⌄

Content   Navigation   Metadata   ...

Locked by Workflow
You cannot edit this content because it is currently used in the workflow 'Adam 2024/04/13 8:04 PM'.

Show Workflow

⌄ Page Title

Home!

⌄ Placements

Single Column Multislot Layout

Running

Closed

☁ **Engagement Cloud** ⌄

Engagement

Contact Center & Analytics

Chatbot & Automation

Chef Corp. | English (United States) ⌄   Adam ⌄

REVIEWED PUBLICATION

Adam 2024/04/13 8:04 PM

STATUS

Page   Chef Corp. USA Home Page

Type here to search or drag and drop content onto this area.

TYPE
Reviewed Publication

CURRENT TASK
Needs Review

‹ Go to Overview

Open in Content App

CoreMedia

Micro UI Embedded in "Classic" Studio

Studio – Ext JS

container providing context

Ext JS wrapper component
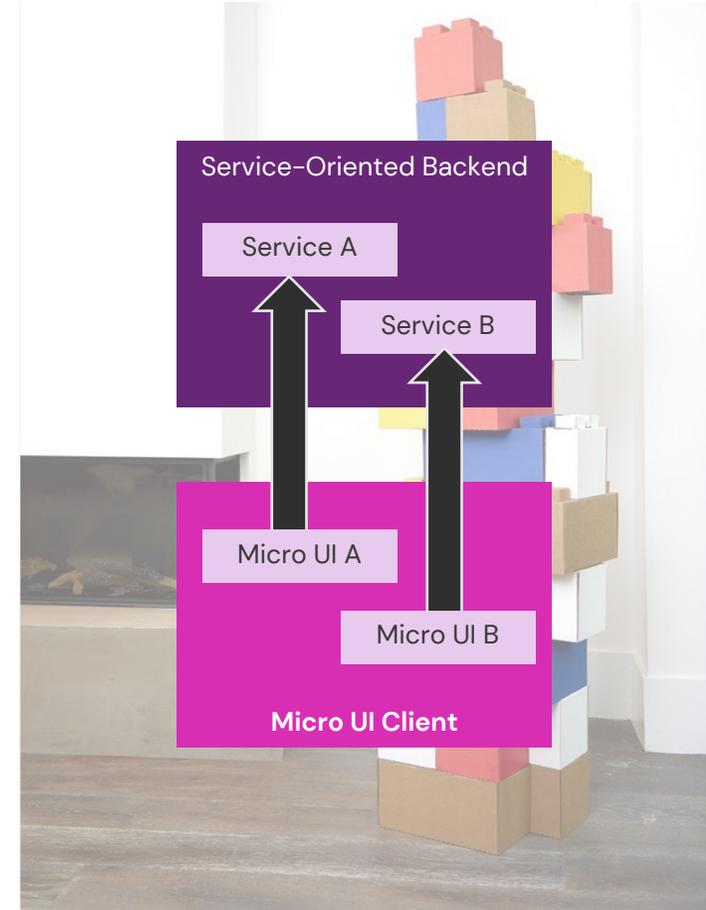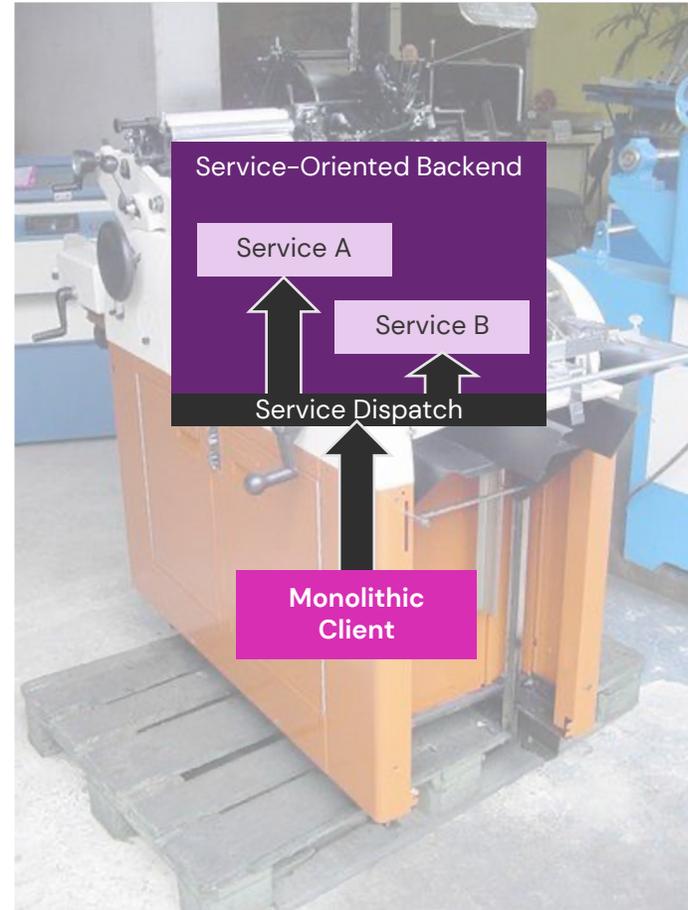
Micro UI – React

Content API

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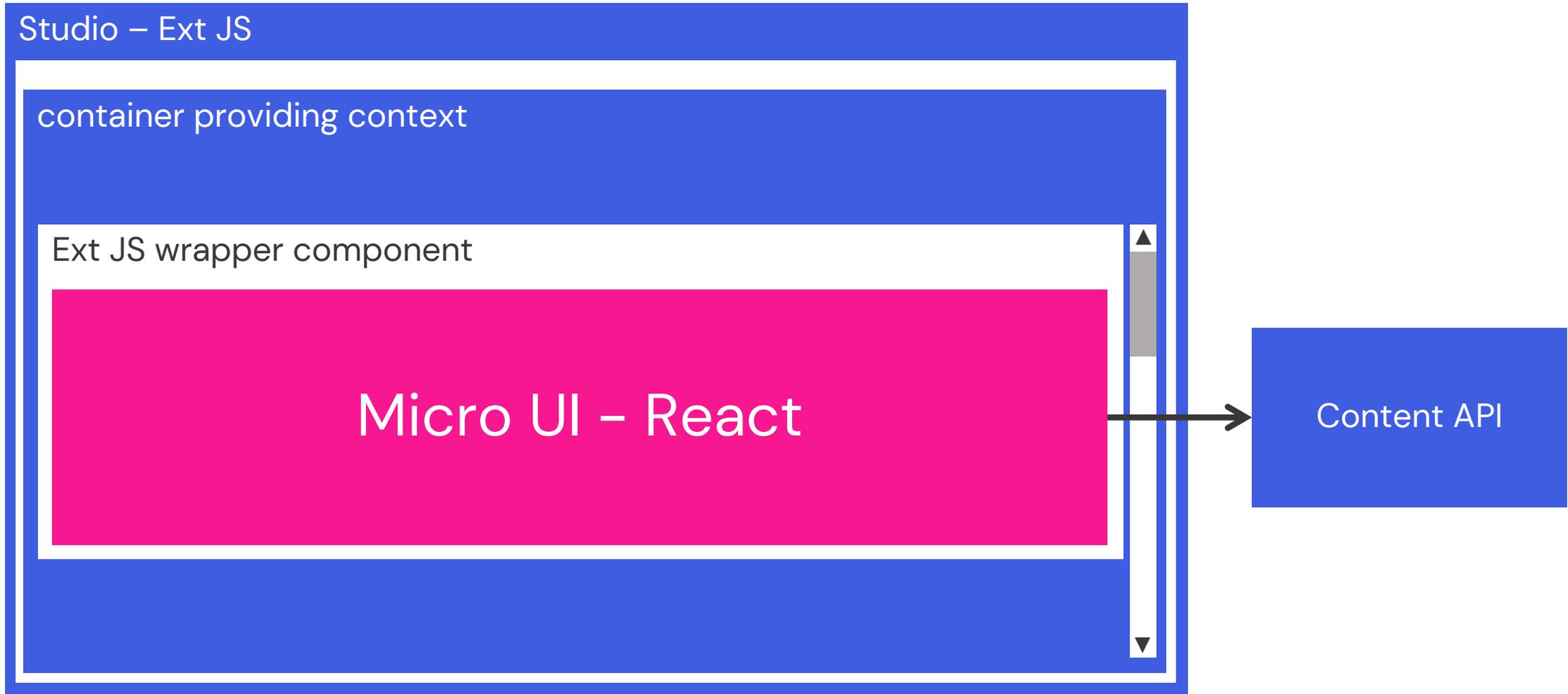
How it All Fits Together

Towards Modern System Architecture and Technology

Microservices and Micro UIs are a Perfect Fit

From Monolith to Service-Oriented, Flexible System

Monolithic Backend

Monolithic Client

Service-Oriented Backend

Service A

Service B

Service Dispatch

Monolithic Client

Service-Oriented Backend

Service A

Service B

Micro UI A

Micro UI B

Micro UI Client

Composable Cloud Architecture

As Customers and Partners, You Can Easily Add Your Own Use Cases to the Mix

Cloud Platform / Infrastructure Services

Content Service	Workflow Service	Campaign Service	Engagement Service	Contact & Analytics Service	Chatbot & Automation Service	AI Assistant Service	...	Custom Service 1	Custom Service 2
Content App	Workflow App	Campaign App	Engagement App	Contact & Analytics App	Chatbot & Automation App	AI Assistant Micro UI		Custom App 1	Custom App 2

UI Component Library

Micro UI Integration / App Services

Thanks for watching

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