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# SysML v2 Transition – Capability Roadmap

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# Dassault Systèmes – SysML v2 Roadmap



SysML v2 RFP issued

December, 2017



Draft spec submission

Q2 2023



SysML v2 spec finalization

From Q3 2024



SysML v2 spec review & prototyping



Multiple versions of prototypes:  
conformance testing & spec verification

Customer evaluation program

We are here



SysML v2 releases:

**CATIA Magic & 3DEXPERIENCE**



**CATIA** | Magic

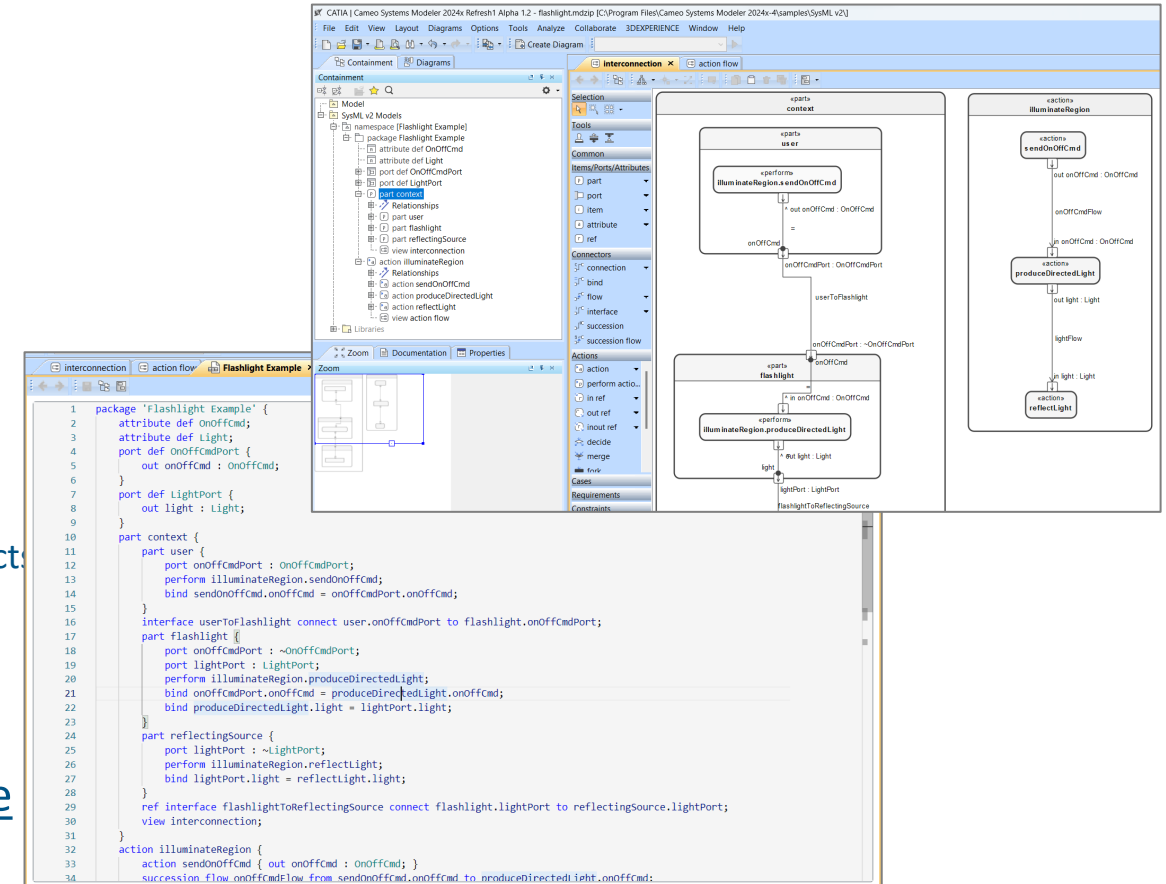


# CATIA Magic: SysML v2 Product Strategy

## SysML v2 Adoption: at your own pace!



- ▶ **Authoring: co-existence of SysML v1 and v2**
  - ▷ Same modeling environment for SysML v1 and v2 authoring
  - ▷ Use of v1 or v2 on per project basis (no hybrid projects)
  - ▷ Reuse of v1 assets in v2 models
  - ▷ Model transformation specification support
- ▶ **API: server REST API**
  - ▷ Full v2 standard API support
  - ▷ Continue using existing server REST API for SysML v1 and v2 projects
- ▶ **Simulation: continuing v1 capability**
  - ▷ Core SysML v1 simulation use cases supported in SysML v2
- ▶ **User experience: heavy focus on best user experience**
  - ▷ Reuse of best usability features from v1





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# THANK YOU

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