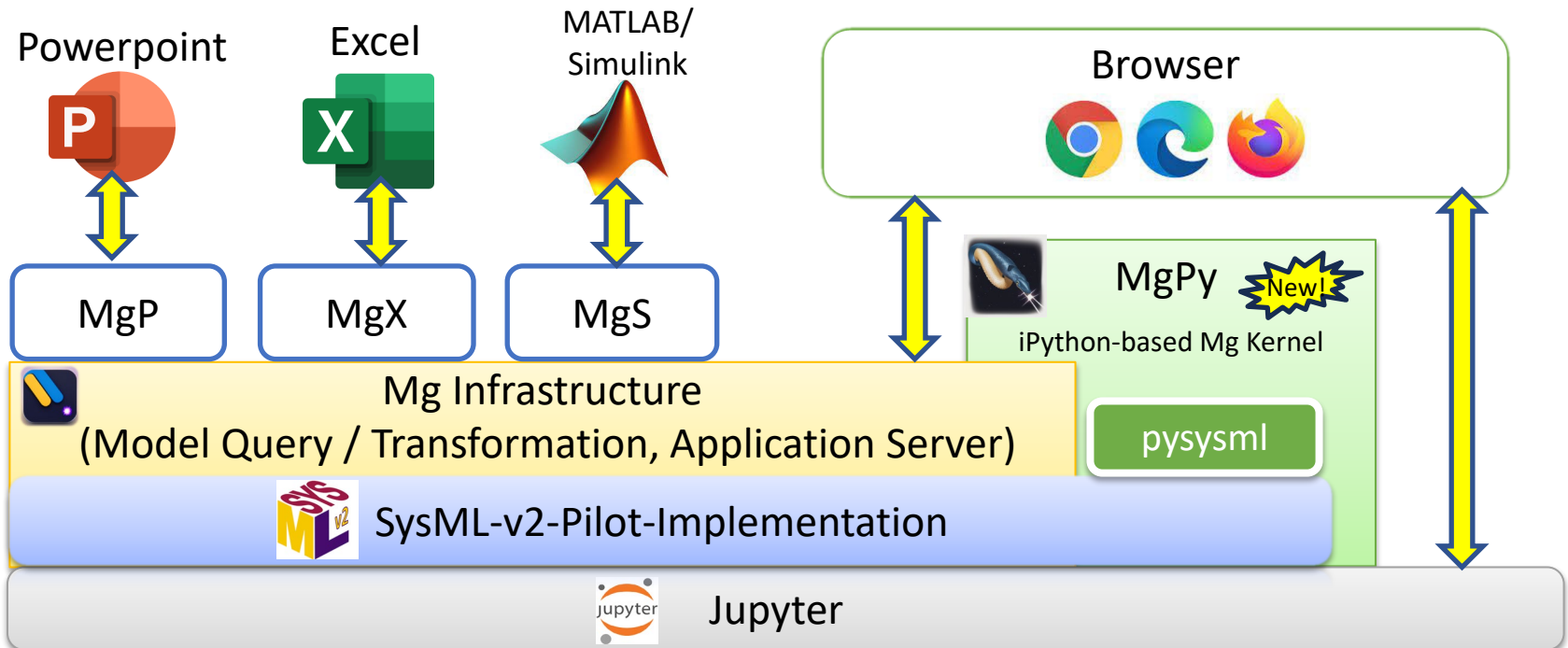


Mg Overview

Mg provides flexible integrated environment optimized for SysMLv2



- Mg provides practical and flexible SysMLv2 modeling environment
 - Web-based modeling for SysMLv2 users
 - Flexible views on Powerpoint and Excel for Office users
 - Integrated MATLAB/Simulink Environment for MBD
 - iPython-based Mg Kernel unleashing the full Python capability

We would take a good balance between OSS and Commercial technologies

Roadmap

We focus on the target clients' challenges

Incubation

- Contribute to SysMLv2
 - ✓ Visualization
 - ✓ State-Space Representation (SSR)
 - ✓ etc.
- Mg Internal Release
 - ✓ Modeling
 - ✓ Consultation
 - ✓ Tool Evaluation

Mgnition

- MgPy, iPython Integration
- ReqIF Support
- More Editing Features (MgP/MgX)

Launch

- **Official Release**
- Execution and Unitful Evaluation
- FMU (Co-) Simulation by SSR
- Integration with NumPy, SymPy, PyTorch (and/or)

Leap

- LLM Integration
- Formal Verification
- SMT-Lib Integration
- Graphical Editor

1/3
Public
Release

SysMLv2
Official
Standard

2H

2025

2026-

-2023

2024 1H

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