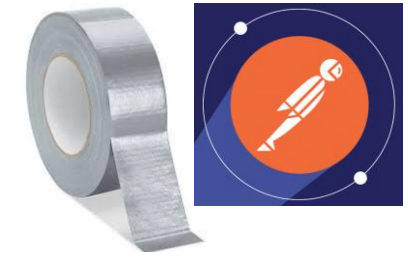# galois

From SysML-v2 to FlexoMMS and Beyond
or
One Giant Leap for Interoperability
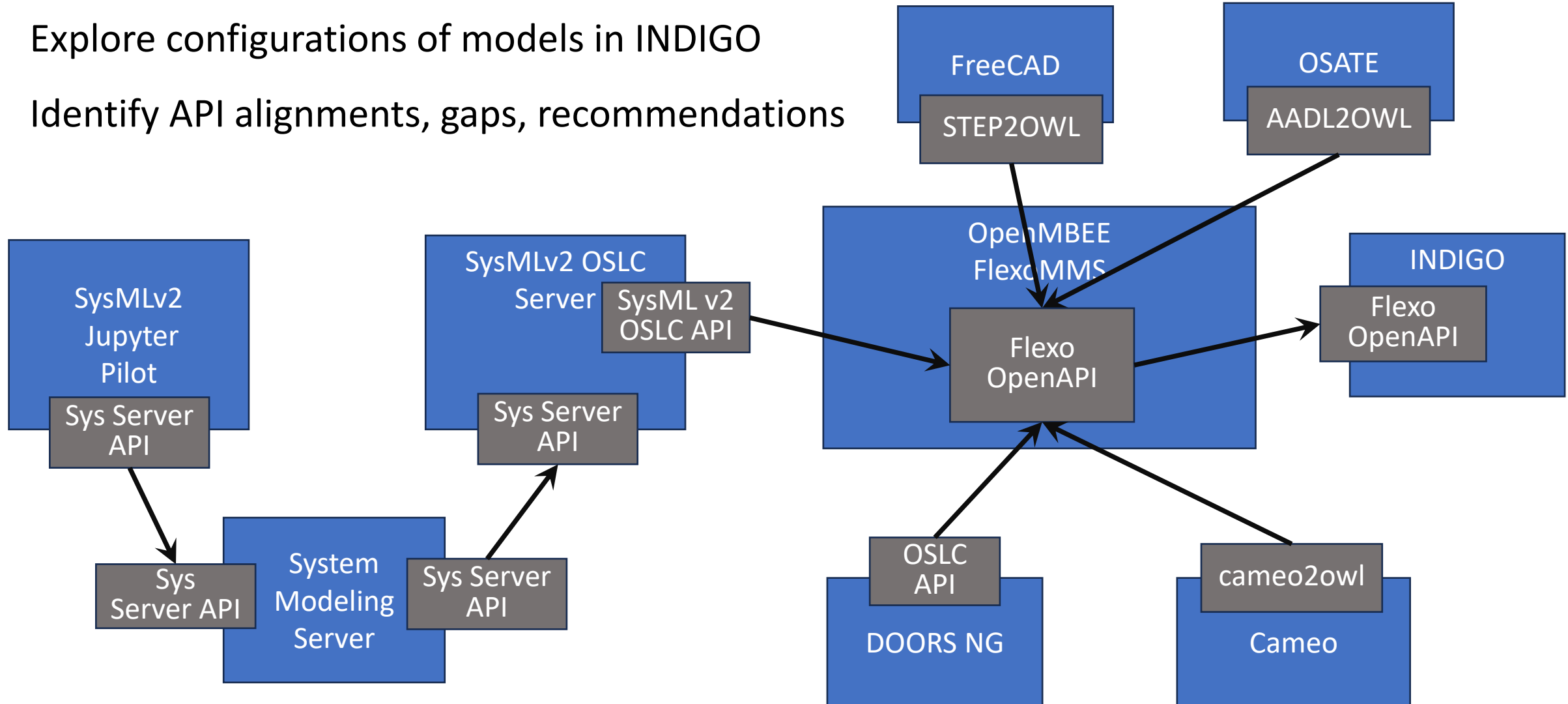
PROPOSED PRESENTATION AND DEMONSTRATION

DRAFT OUTLINE

steve.vestal@galois.com

Interoperability Investigation

- Nurse diverse models into a FlexoMMS server

- Explore configurations of models in INDIGO

- Identify API alignments, gaps, recommendations

Opportunity

- SysML v2, OSLC, Flexo OpenMBEE are emerging next-gen technologies

- A window of opportunity exists to significantly improve interoperability

- OpenMDK Factory goals:
  - Usable with Flexo Model Management System ("git for graphs")
  - Usable with OSLC domain ontologies, aligned with OSLC Core
  - Off-the-shelf OpenMDKs work with unplanned tool combinations in most use cases
  - Identify issues to consider for customized tool integration cases

- Give us feed-back on the OpenMDK Factory OpenMBEE Extension Proposal at

  https://github.com/Open-MBEE/enhancement-proposals/issues/4