



Physical Systems & Feature Categories

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Physical Systems & Flows

- Continuous (physical) resource flow
 - Note: HW platform has physical components with primarily discrete flows
- Physical properties: weight, size, position & orientation in 3D space
- Physical system connectivity
 - Directional features with physical resource types
 - Connections as “pipes” vs. explicit physical transmission components



Feature Categories

- Features: non-directional, directional, bi-directional
- Observable feature: for reasoning and for actual observation
- Physical features: draft proposal of description and properties. Don't reinvent but align with SysML and Modelica
- Need for physical component? Nested physical component?

