



AMMOS

Common Workflow Service

What is the problem?

Current solutions for orchestrating mission operations processes have often times been one-off solutions that bury the process logic in layers of software code. This leads to brittle solutions that are hard to understand, manage, and maintain.

What is the solution?

A platform that simplifies the modeling, deploying, executing, distributing, and monitoring of processes – either on the cloud, or on premise.

Who are our customers?

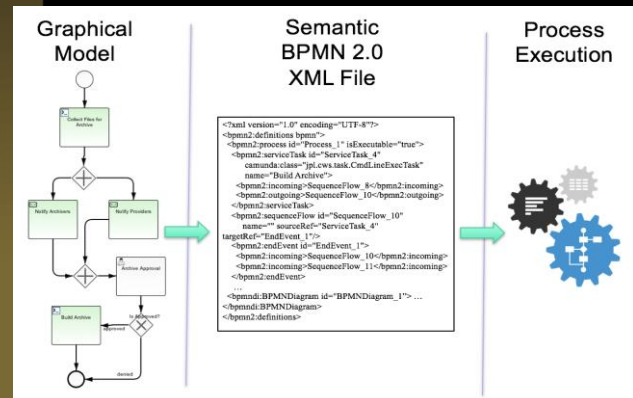
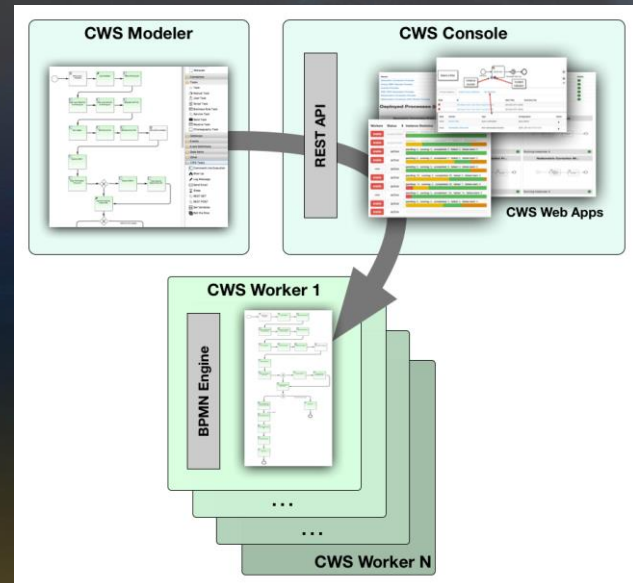
- Missions needing to orchestrate moderate to highly complex process operations
- Missions needing to parallelize work to achieve performance
- Missions wishing to integrate both automated and human-in-the-loop tasks

What capabilities are on offer?

- Support for standards-based (BPMN 2.0) workflow semantics and diagramming
- Out-of-the-box distribution of process execution across multiple compute nodes
- Available set of commonly used tasks

What is included?

- Simple to use process modeling software
- Web-based UI for monitoring, debugging, and deploying processes/workflows.



AMMOS – Advanced Multimission Operations System, a NASA-sponsored set of products and services for mission operations systems

For more information and access to the AMMOS catalog – <https://ammos.nasa.gov>

Contacts:
Zsarina Benecken – Zsarina.M.Bulchand@jpl.caltech.edu
Glen Elliott – Glen.Elliott@jpl.caltech.edu