

## **oac-tree - Using behavior trees to automate operations and control**

*Tuesday, 8 April 2025 15:30 (20 minutes)*

ITER's operation requires complex automation sequences that are beyond the scope of the finite state machine concept that the EPICS SNL Compiler/Sequencer implements.

The Operations Applications group at ITER is developing oac-tree (Operation, Automation and Control using Behavior Trees), a new sequencing tool based on behavior trees, which has been successfully used in its first production applications.

This overview talk will present the current status and future plans of the project.

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