Update on ecFlowUI

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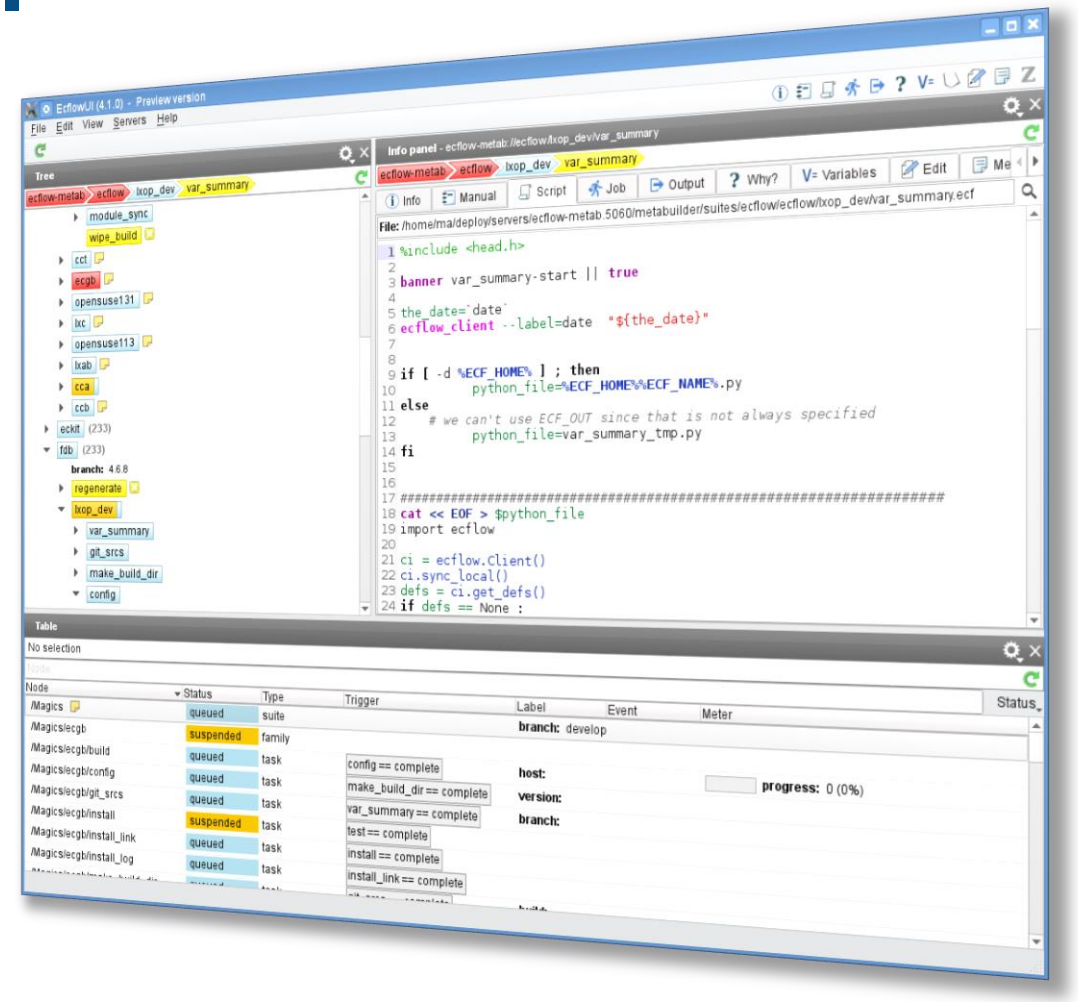
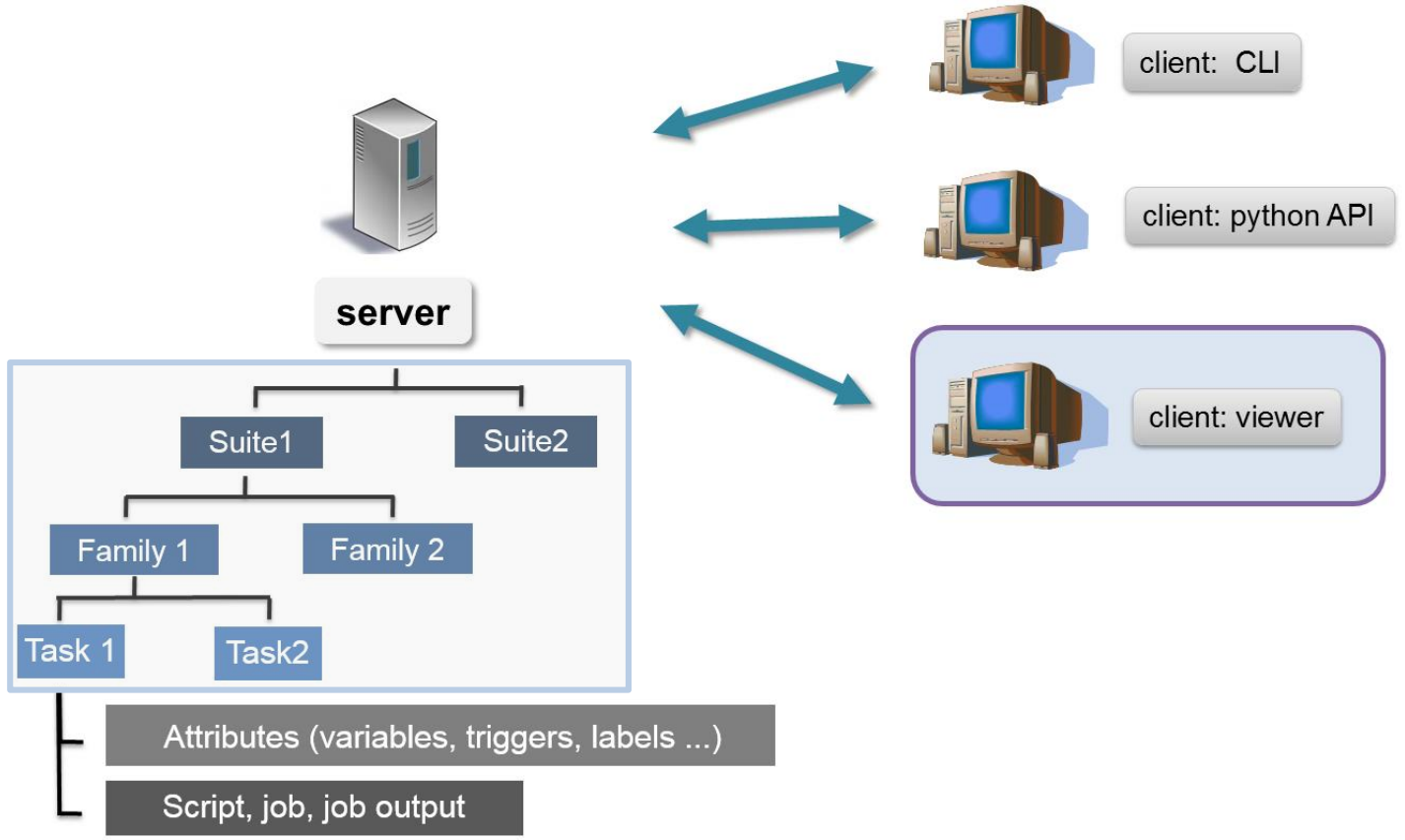


What is ecFlow?

- **Work-flow manager** developed at ECMWF
- Enables users to
  - design
  - run
  - monitor

  a large number of tasks with dependencies on each other and time
- Heavily used at ECMWF in
  - operations
  - research
  - development
- Used at other organisations as well

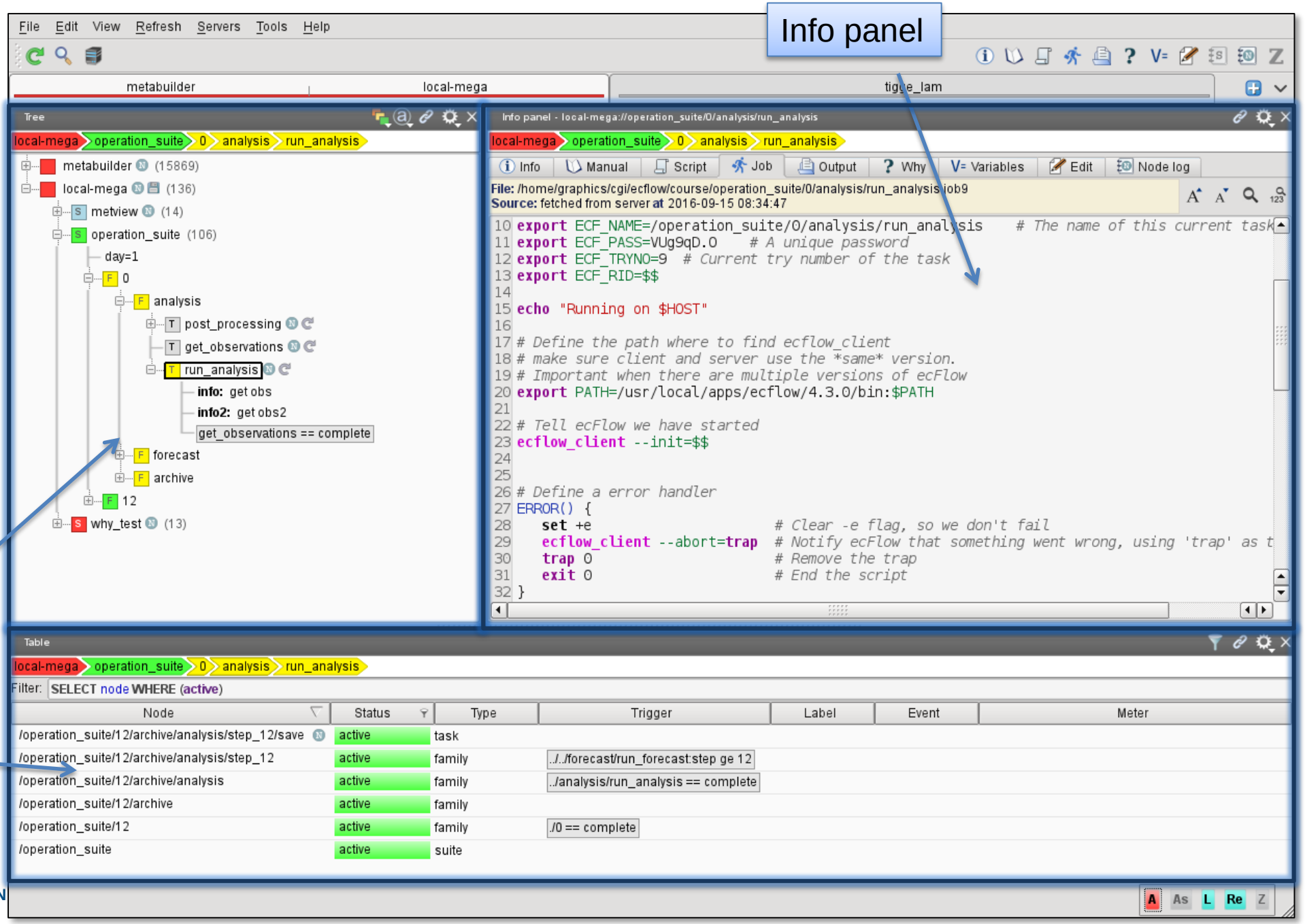


ecFlowUI

- New graphical user interface for ecFlow
- To monitor tasks and interact with them
- Dashboard approach

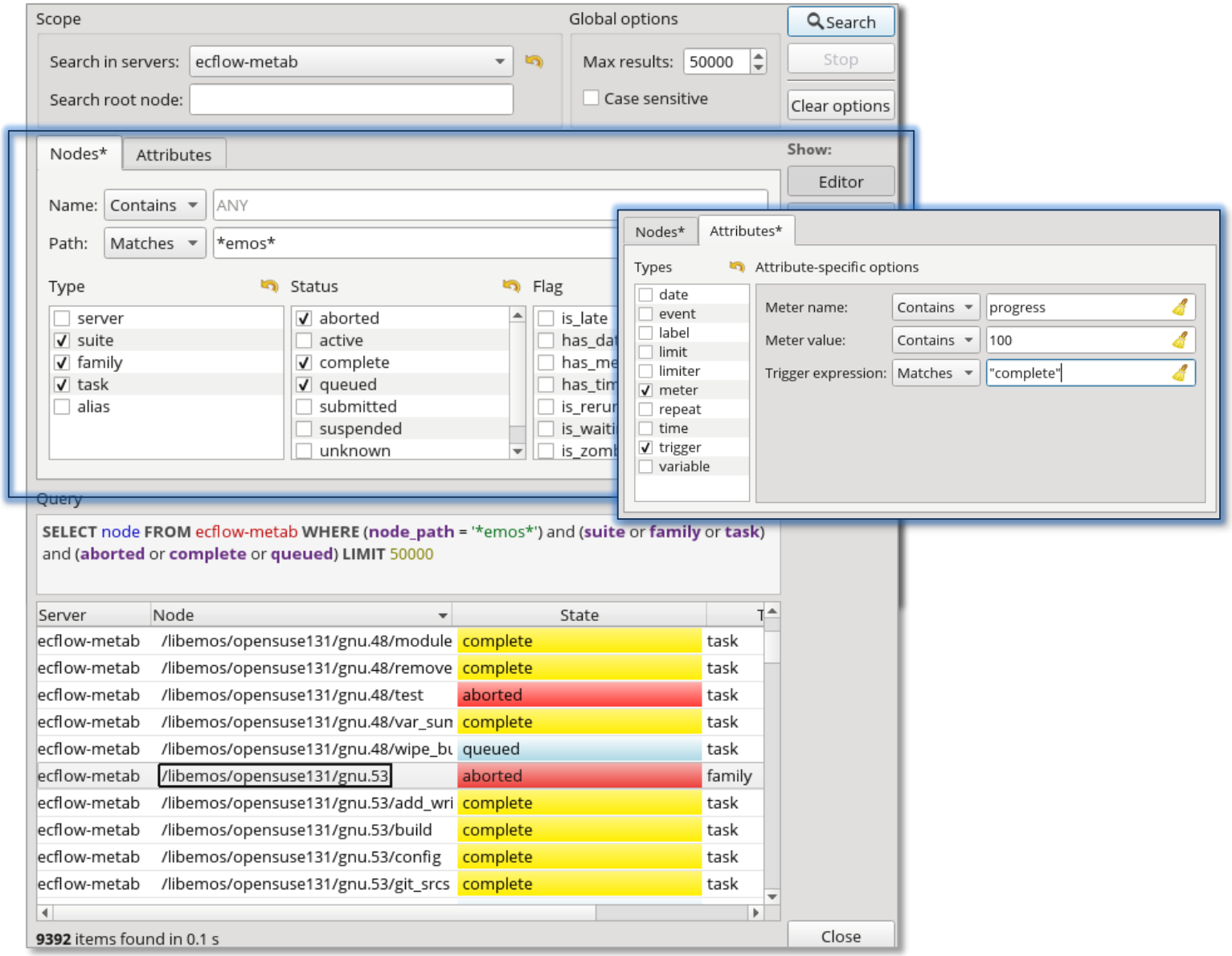
Tree view

Table view



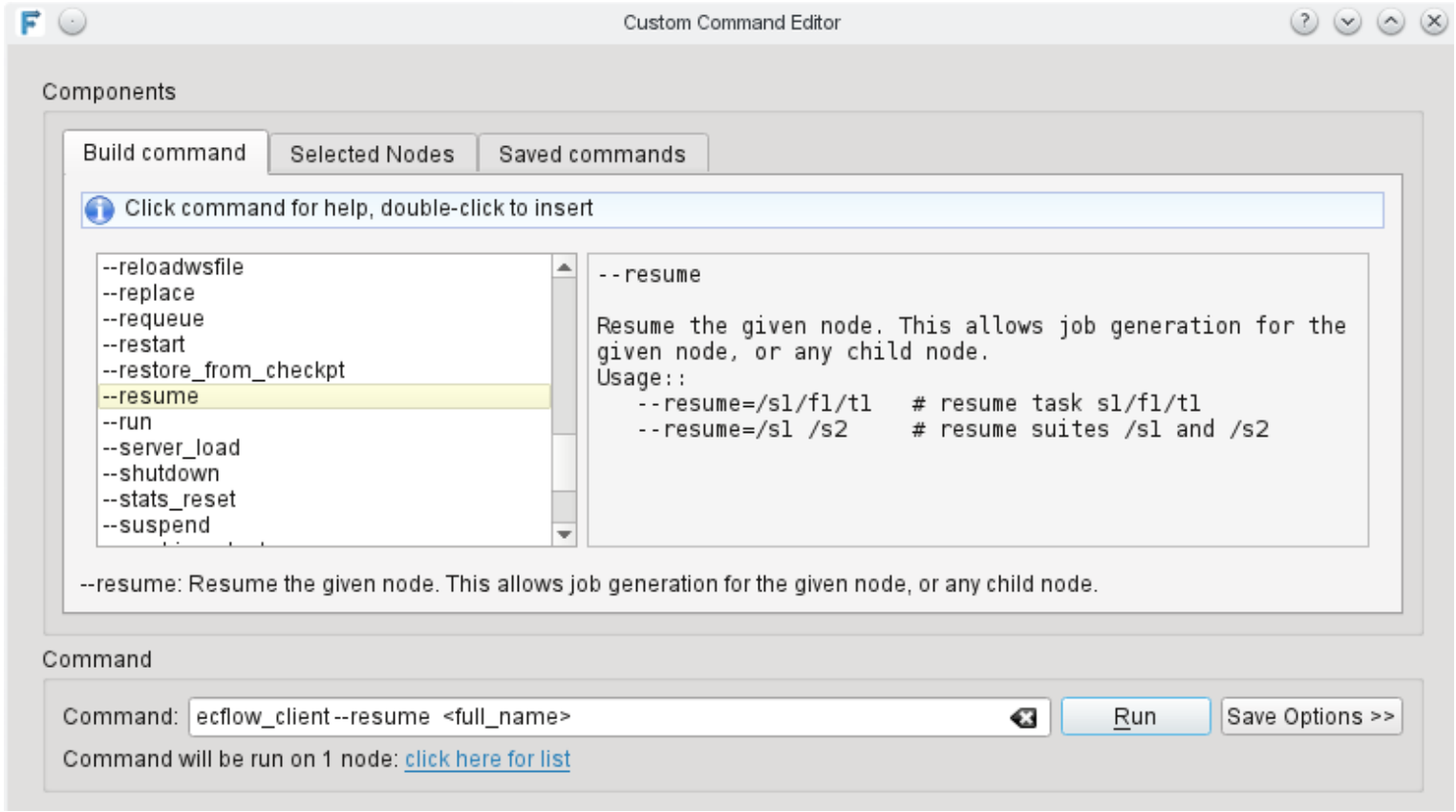
Search interface

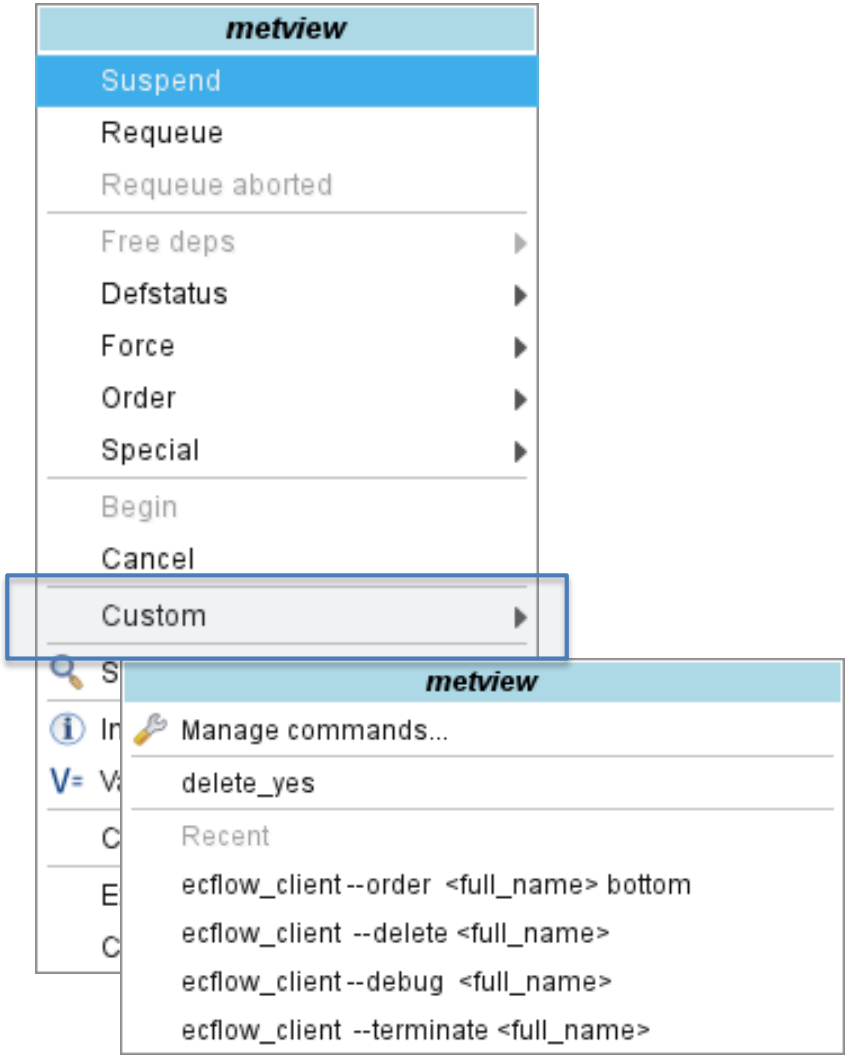
- Powerful interface to find nodes and attributes
- Can run commands straight on the results



Custom command editor

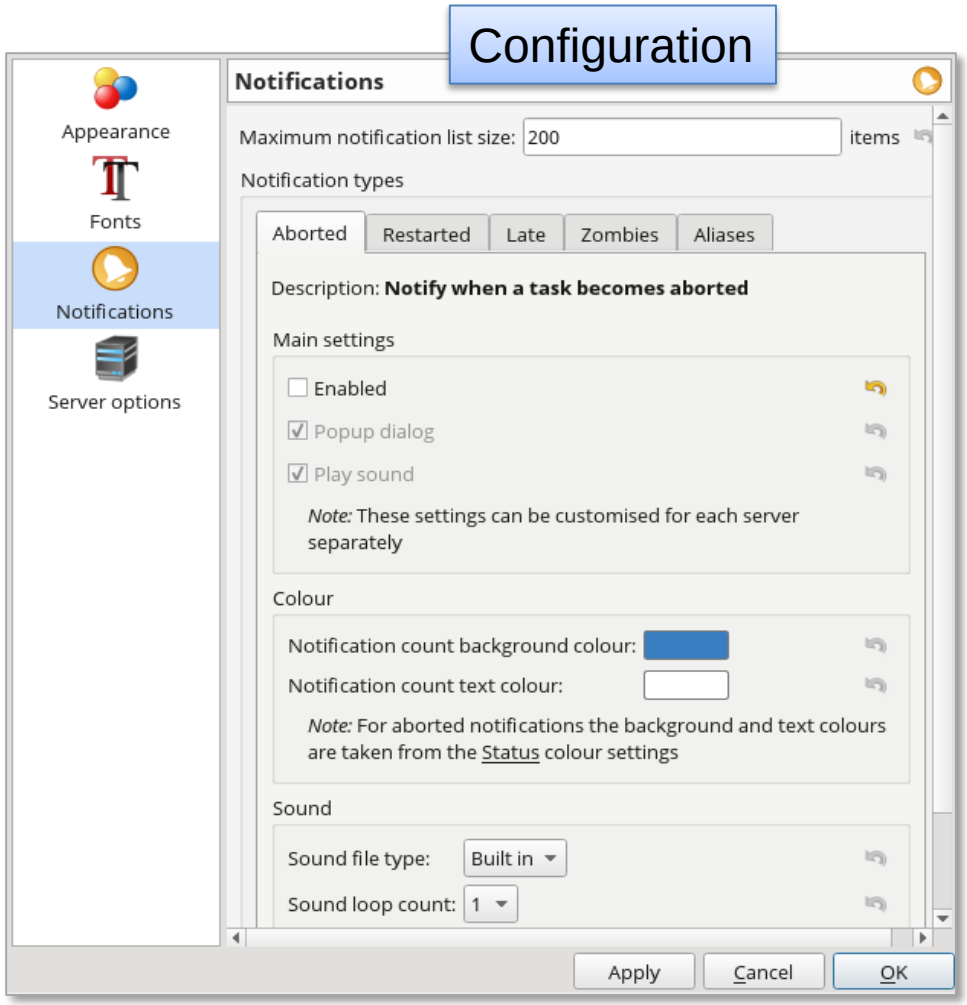
- Node context menu provides node-sensitive commands
- Need for an editor to create and run commands

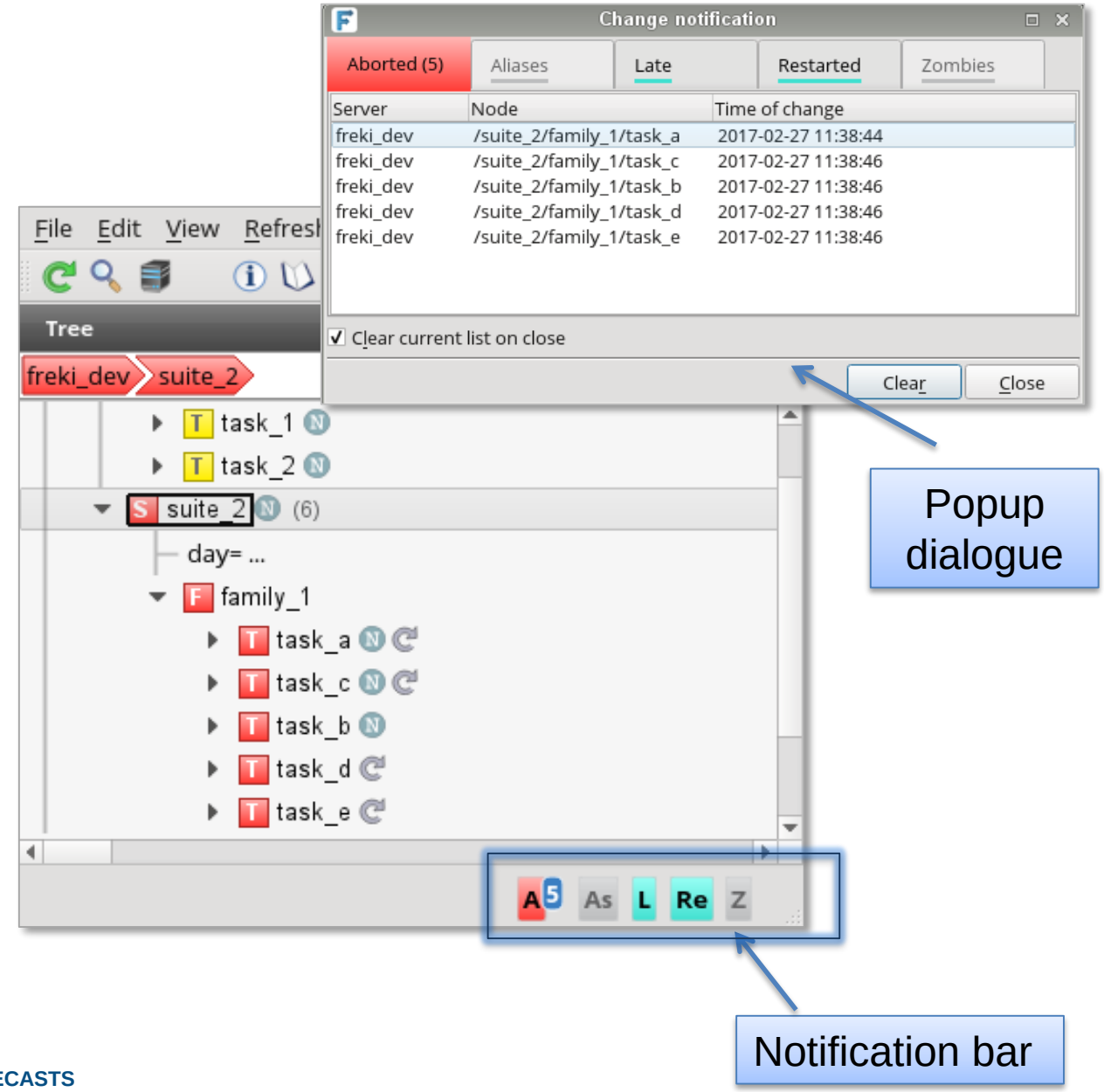




Notifications

Configuration





Popup dialogue

Notification bar

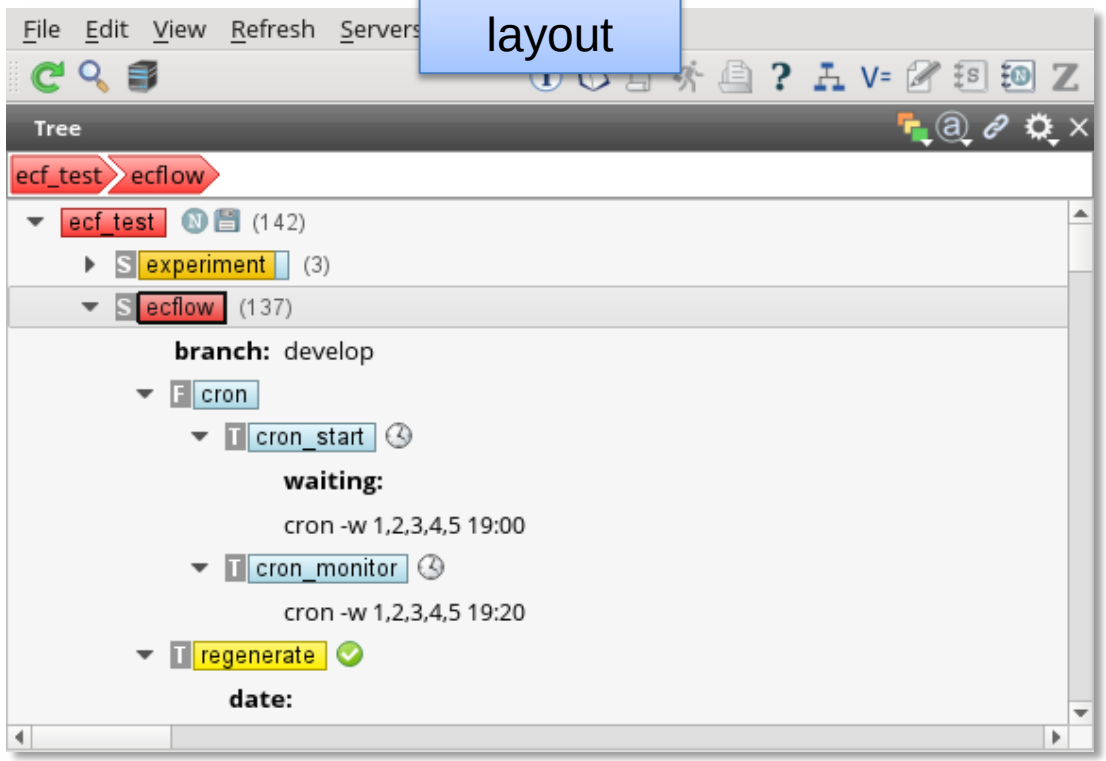
Trigger view

- Triggers expressions define when tasks can be run

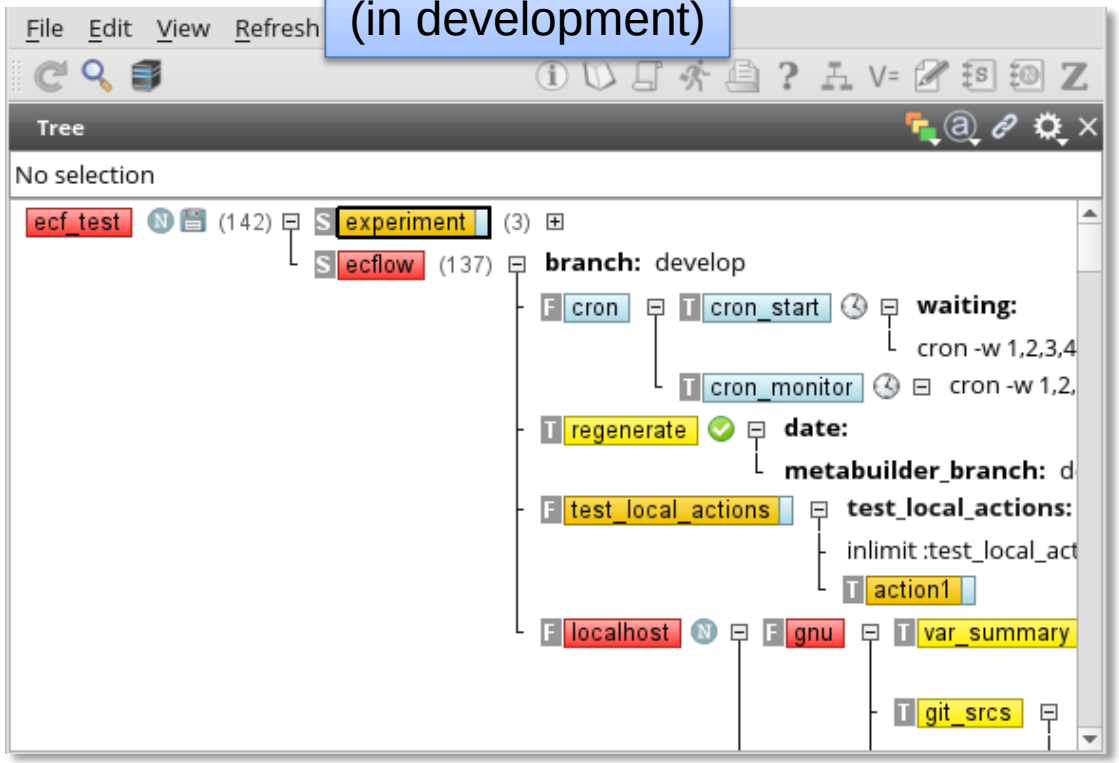
Compact tree layout (in development)

- The standard tree view mostly uses the vertical space
- Compact tree layout: better usage of horizontal space – many users prefer it

Standard layout



Compact layout (in development)



Current status

- ecFlowUI is in development
- Externally released as part of ecFlow since 2016 September (current version is 4.5.0)
- Used daily by many at ECMWF
- Remaining major requirements for full operational usage:
  - Improved trigger view
  - Compact tree layout
- Plan to make it feature complete this year

Questions?