

Documentation

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PDF File 2017-01-19-ecFlowUI-for-ecFlow-training-course.pdf	Jan 19, 2017 by Axel Bonet
PDF File ecflowcourse2018.pdf	Jan 22, 2018 by John Hodgkinson
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- Getting Started with ecFlowUI
 - Customising the views
 - Server management
 - Viewing scripts, jobs and output
 - Viewing and editing variables
 - Searching for nodes
 - Moving and re-ordering nodes
 - Communication with ecFlow servers
 - Node log
 - Creating and running custom commands
 - Session management
 - Viewing dependencies
 - Server load panel
 - Switching between ecFlowUI version 4 and 5
 - System server list files in ecFlowUI
 - System server list files in ecFlowUI (pre 5.9.0 versions)
- Ecflow User Manual
 - Terminology and typography
 - Running ecFlow
 - ecFlow Overview
 - Status of a task
 - Status of a suite, family or server
 - Using ecFlow
 - Suite Definitions
 - Writing ecFlow scripts
 - Time Critical tasks
 - Running tasks on remote systems
 - Moving suites between ecFlow servers
 - Debugging definition files
 - Debugging ecFlow scripts
 - The ecFlow Pre-processor
 - Locating '.ecf' file
 - ecFlow Manual pages
 - Include files
 - Comments
 - Stopping pre-processing
 - ECF_MICRO
 - How a job file is created from an ecFlow file
 - ecFlow variables
 - Variable inheritance_
 - ecFlow Server environment variables
 - Environment variables for the ecFlow client
 - ecFlow suite definition variables
 - Generated Variables
 - Variables and Substitution
 - Node attribute Overview
 - Text based suite definition format
 - Defining a suite, using the text definition file format
 - suite
 - family
 - task
 - event
 - Meter
 - Using meters
 - Using meters in triggers
 - label
 - limit
 - end(*)
 - Dependencies
 - trigger
 - date
 - day
 - time
 - today
 - cron
 - cron-last
 - Using dependencies together
 - Attributes
 - autocancel
 - clock
 - complete
 - Using complete
 - defstatus
 - Edit - add variable
 - extern
 - late
 - repeat (for loop)
 - Defining a suite using the python API
 - Defining a suite, using the Python API

- Add suite, family and task
 - Adding Meters, Events and Labels
 - Adding Limits and Inlimit
 - Adding Variables
 - Adding Dependencies
 - Adding Triggers and Complete
 - Adding Large Trigger Dependencies
 - Adding Time Dependencies
 - Adding Attributes
 - Adding Defstatus, Autocancel
 - Adding a Clock
 - Adding Repeats
 - Adding a Late attribute
 - Control Structures and Looping
 - Adding externs automatically
 - Checking the suite definition
 - Checking Job Generation
 - Handling Dummy Tasks
 - Debugging Suite definition
 - Simulation
 - Script Generation
 - Error Handling
- The ecFlow Server
 - Starting the ecFlow Server
 - Stopping ecFlow servers
 - Checking if an ecFlow server is running on a host
 - Start-up files for ecFlow server
 - ecFlow log file
 - ecFlow check point file and failure tolerance
 - Security
 - ecFlow White list file
 - Black list file (experimental)
 - Open ssl
 - Handling Output
- ecFlow CLI (Command Level Interface)
 - get
 - CLI scripting in batch
 - Configuring ecFlow
 - server_environment.cfg
 - Start-up scripts
 - Compiler and OS requirements
 - Query
- ecflowview
 - Main window menus
 - File
 - Edit
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 - Servers
 - ecflowview "buttons"
 - Menus
 - The Collector
 - Searching
 - Dependencies1
 - Editing scripts
 - Aliases
 - Flags used by ECFLOW
 - Zombies
- Cookbook
 - Cookbook Introduction
 - How can I access the path and task states
 - How can I monitor my suite independent of the GUI
 - How to List variable used by a task ?
 - How do I list the variables on the server ?
 - How can I traverse the definition in python
 - How can I test a definition without writing scripts
 - Toward an operational server
 - Native Perl Tasks
 - Native Python Tasks
 - One script Do It All
 - Python Client for Fault tolerance
 - Acquisition task pattern
 - Acquisition task pattern example
 - Python definition example
 - ksh task wrappers and functions trapping
 - Unconditional variable replacement
 - Monitoring disk space
 - Web display with python
 - ecFlow as a monitoring device
 - Stop at first problem

- Template suite
- Shell suite definition
- Cron, repeat day 1, repeat date
- One task wrapper for multiple tasks
- What is the most efficient way to access my suites ?
- Experiencing ecFlow - Docker
- GUI Interaction
- ecflow_ui Web menu?
- Glossary
- ecFlow@ECMWF
- Gallery
 - Block case
 - block daily,monthly,yearly
 - block for
 - Child: one class and object is enough
 - Client
 - Limit used by Trigger
 - Produce-Consume
 - Suite definition
- ECMWF Newsletter Article(2011)
- Teleport - using local ecflow_ui
- ecflow 5 what's new
 - Migration to ecflow 5
 - Inlimit (Suite/Family limits)
 - inlimit(limit submission)
 - Auto Archive and Auto restore
 - Query Command
 - Scheduled tasks and terminate
 - Queue Attribute(experimental)
 - Cron(Last)
 - Auto add/delete variables
 - Repeat Date List
 - Event(set)
 - Day/Date attributes
 - Security(ssl)
 - Security (password)
 - Security(custom user)
 - Why Command
 - Zombie identification
 - Slow Job creation
 - ECF_STATUS_CMD
 - Internal Refactoring
 - Code
- Migration from SMS to ecFlow
 - Migration Introduction
 - Task wrappers migration
 - Header files migration
 - Definition files migration
 - Miscallenous
 - Example
 - Child commands comparison
 - Child commands
 - client commands to load and replace
 - intra-suite extern
- Design and Maintenance
 - Setup for test
 - File Structure
 - Node class diagram
 - Server Class Diagram
 - Client Class Diagram
 - Third Party Dependencies
 - Third party library usage(Maintainers)