

Studio GUI configuration

Course Description

Audience

This course addresses developers who need to know all that is possible to modify in Studio without programming Python.

Experience of working with the graphical user interface of Studio is an advantage.

Prerequisites

The courses “Infrastructure Introduction”, “Product I”, “Rave I”

Duration

2 days

Course goals

The course enables you to customize the graphical user interface of Studio in several ways. You will become familiar with everything you can modify in Studio without programming Python. After completing the course you will for example be able to:

- change colours and fonts
- change the Rule Parameters form
- change menus
- modify existing forms
- modify or create new file managers
- improve the behavior of external tables in Table Editor.
- understand CSL scripts

Course topics

- Become familiar with the documentation
 - online help
 - manual pages
- Resources
 - X-resources
 - Carmen resources
- The Rule Parameter form
 - grouping in Rave
 - the groupdefs files
- Objects and colours in the working windows
 - Rudobs
 - header colours and text

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- Dynamic reports for
 - information windows
 - status window
- Menu modifications
 - add new menu entries
 - remove menu entries
 - modify existing menu entries
 - change the toolbar
 - define menu entries which run Shell commands
- Carmen Form Handler (CFH)
 - modify existing forms
- Carmen File Manager (CFM)
 - modify existing CFM's
 - add new ones
- External Tables in Table Editor
 - input control
 - default values
 - help text
 - column headers
- Carmen Script Language (CSL)
 - basic knowledge about programming in CSL

There are a many examples and exercises (with solutions) in this course.

In all examples and exercises a file based Crew Rostering/Pairing system with a generic rule set, flight data from OAG and faked crew data is used.