

Rave II

Course Description

Audience

This course addresses developers with a basic understanding of Rave. Experience from implementing/maintaining a rule set of a pairing or rostering implementation is an advantage.

Prerequisites

Rave I, six months work experience

Duration

2 days

Course goals

The course gives you a deep understanding of the Rave language with emphasis on performance issues. After completing the course you will know more about:

- external tables
- rules
- how to use modules
- how to write cost functions
- constraints
- how caching works
- how to avoid illegal sub-chain problems
- to do performance analysis
- how to use accumulators

Course topics

- Recap of Rave I course
- Tables
- Modules
- Inheritance
- Contexts
- Iterators
- Transforms
- Constraints
- Performance
- Caching
- Costs
- Rules
- Accumulators

All exercises are done using a generic flight data and rule set (Carmen Airlines).