

## How to make a problem?

### Model

- (1) generic model of a constraint
- (2) generic model of a variable
- (3) API for creating variables and constraints

### CP-Model

implementation of a Model in the CP paradigm

**Choco**

Solver API

### Solver

- (1) constraints data structures
- (2) variables data structures
- (3) data structures related to the search algorithm

### CP-Solver

- (1) data structure implementation
- (2) parser from CP-Model to CP-Solver

### Memory

- (1) trailing
- (2) recomputation
- (3) copying

## How to solve a problem?