- Configuration of ECJ Parameterfile (HL-specific changes are highlighted):

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# The parameters that were laid out in Tutorial 1 (see the documentation)

verbosity = 0

breedthreads    = 1
evalthreads     = 1
seed.0          = 4357

state       = ec.simple.SimpleEvolutionState

pop         = ec.Population
init        = ec.simple.SimpleInitializer
finish      = ec.simple.SimpleFinisher
breed       = ec.simple.SimpleBreeder
eval        = ec.simple.SimpleEvaluator
stat        = com.heuristiclab.okb.ecj.OKBStatistics
exch        = ec.simple.SimpleExchanger

generations         = 200
quit-on-run-complete = true
checkpoint      = false
prefix              = ec
checkpoint-modulo   = 1

stat.file       = $out.stat

pop.subpops         = 1
pop.subpop.0        = ec.Subpopulation

pop.subpop.0.size           = 10
pop.subpop.0.duplicate-retries  = 0
pop.subpop.0.species        = ec.vector.VectorSpecies

pop.subpop.0.species.fitness    = ec.simple.SimpleFitness
pop.subpop.0.species.ind   = ec.vector.BitVectorIndividual

pop.subpop.0.species.genome-size= 20
pop.subpop.0.species.crossover-type  = one
pop.subpop.0.species.crossover-prob  = 1.0
pop.subpop.0.species.mutation-prob   = 0.01

pop.subpop.0.species.pipe           =
ec.vector.breed.VectorMutationPipeline
pop.subpop.0.species.pipe.source.0          =
ec.vector.breed.VectorCrossoverPipeline
pop.subpop.0.species.pipe.source.0.source.0     =
ec.select.TournamentSelection
```

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pop.subpop.0.species.pipe.source.0.source.1     =
ec.select.TournamentSelection

select.tournament.size          = 2
print-all-params = true
eval.problem            = ec.app.tutorial1.MaxOnes

#HL-necessary Parameters
okb.parameter = pop.subpop.0.size; pop.subpop.0.duplicate-retrie
okb.parameter.seed = seed.0
okb.user = secret
okb.password = secret
stat = com.heuristiclab.okb.ecj.OKBStatistics
```

- Explanation of this Parameters:
  - okb.parameter: the parameter names separted by ; all these parameters names and its values are Stored in Run of HL, each parameter causes a new Entry in HL Value Table (Name equals property name):
  - okb.parameter.seed: one specific param must be set (transferred to HL-Run.RandomSeed)
  - stat: defines the HL-OKB-StatisticClass, this Class transfers the Names and Values of the Parameters defined before via Webservice to HL

- The Start of ECJ like normal (via GUI or Commandline), the whole configuration is done in parameterfile with the parameters described obove:
  - `java ec.Evolve -file app/edge/3.params`
- ECJ is started normally after this settings (either via Commandline or GUI)
- The complete ECJ documentation can be found under:
       http://cs.gmu.edu/~eclab/projects/ecj/docs/