

Model written in
BUGS language,
data,
inits, constants

R model
`nimbleModel()`
Object containing the model, data,
constants, and initial conditions

Monitors,
Thinning,
Sampler choices

MCMC configuration
`configureMCMC()`
Add/remove samplers and customize MCMC
specifications, or use defaults

Uncompiled MCMC
`buildMCMC()`

Can skip configuration step
if using defaults

Compiled MCMC &
model
`compileNimble()`

If using only defaults:
`nimbleMCMC()`
similar behavior as `jags()` from R2jags package

Single chain:
`run method ($run(niter))`
1 or more chains:
`runMCMC()`
burnin
nchains

Samples

