



```
for (i in 1:n_branches) {
  bl[i] ~ dnExponential(10.0)
}
topology ~ dnUniformTopology(taxa)
psi := treeAssembly(topology, bl)
```

```
Q_morpho <- fnJC(2)
```

```
phyMorpho ~ dnPhyloCTMC( tree=psi,
  Q=Q, type="Standard",
  coding="variable" )
```

```
phyMorpho.clamp( morpho )
```