```
std::enable shared
from this - TreeFactoryBase
models::GameState , models
        ::Position >>
sophia::monte carlo
::factories::TreeFactoryBase
< models::GameState, models
         ::Position >
      ~TreeFactoryBase()
      CreateNode()
  + CreateNode()
  + CreateAction()
       CreateStrategy()
    sophia::monte carlo
    ::tic tac toe::factories
      ::TicTacToeFactory
     you
    + TicTacToeFactory()
    + ~TicTacToeFactory()
    + CreateNode()
    + CreateNode()
    + CreateAction()
    + CreateStrategy()
```