```
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::examples::tic
     tac toe::factories::
       TicTacToeFactory
    + TicTacToeFactory()
    + ~TicTacToeFactory()
    + CreateNode()
    + CreateNode()
    + CreateAction()
    + CreateStrategy()
```