```cpp
1: #ifndef IMODEL_H_INCLUDED
2: #define IMODEL_H_INCLUDED
3: #include "Path.h"
4: #include "TimeGrid.h"
5:
6: namespace mctr {
7:     class IModel {
8:     public:
9:         boost::shared_ptr<Path> createOnePath(TimeGrid& timeGrid);
10:
11:     };
12: } // namespace mctr
13:
14: #endif // IMODEL_H_INCLUDED
```