```
McCAD::Tools::SolidType
+ SolidType()
+ SolidType()
             +solidType
 McCAD::Decomposition
     ::Preprocessor
 + Preprocessor()
 + ~Preprocessor()
 + perform()
 + checkBndSurfaces()
 + determineSolidType()
 + Preprocessor()
 + ~Preprocessor()
 + perform()
 + checkBndSurfaces()
 + determineSolidType()
```