HOOX
[SOFTWARE]

# Automate your code
# Structured Code Coverage eXtension

The easy way to automated testing
Test coverage in IEC61131-3 Structured Text/ ST / SCL


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We assume that the installation has been carried out in the standard directory and that everything has been installed.
Currently, controllers from Beckhoff and Sigmatek are supported.

Under C:\Hoox\Lib\Beckhoff\Sample, you will find a sample project that can be used for initial testing
. The project is stored as a zip file and must be unzipped before use.

A sample configuration that can be used for initial testing is located under C:\Hoox\Lib\Beckhoff\template.
.

```
<?xml version="1.0" encoding="utf-8" ?>
<Build xmlns="https://hoox.software"
       xmlns:xsi="https://www.w3.org/2001/XMLSchema-instance"
       xsi:schemaLocation="https://hoox.software https://hoox.software/generator.xsd">

  <Twincat build="1" run="0" testobject="0" analyse="0" generate ="0">
      <Path>C:\Hoox\Lib\Beckhoff\Sample</Path>
  </Twincat>

</Build>
```

Example

Start the generator via the command line and transfer the path to the configuration file.
Example

```
C:\Hoox\Generator\bin\AutomateYourCode.exe " C:\Hoox\Lib\Beckhoff\template\template.xml"
```

For a complete test run, the following configuration applies, for example

```
<?xml version="1.0" encoding="utf-8" ?>
<Build xmlns="https://hoox.software"
       xmlns:xsi="https://www.w3.org/2001/XMLSchema-instance"
       xsi:schemaLocation="https://hoox.software https://hoox.software/generator.xsd">

   <Twincat testobject="1">
      <Path>C:\Hoox\Lib\Beckhoff\Sample</Path>
      <Export>C:\Hoox\Testobject</Export>
      <Version>tcxae</Version>
   </Twincat>

   <Twincat run="1" analyse="1">
      <Path>C:\Hoox\Testobject</Path>
      <Version>tcxae</Version>
      <Connection>192.168.0.1</Connection>
      <Target>x64</Target>
    </Twincat>

</Build>
```

Example

In this case, you must ensure that the source project is fully configured and can be loaded into the runtime (licenses, core settings, etc.).

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