

# Test Bench Suite (SoT)

## SoT Rules

- All test benches have to reference the same design container
- Only scalar metrics can be used
- If the first test bench fails in the SoT, the other test benches will fail, too.

## Setting up an SoT Test Bench

Right click on a “testing” folder and insert “Test Bench Suites”, as seen in Figure 1. Give your folder a name. For this case, “SoT” will be used.

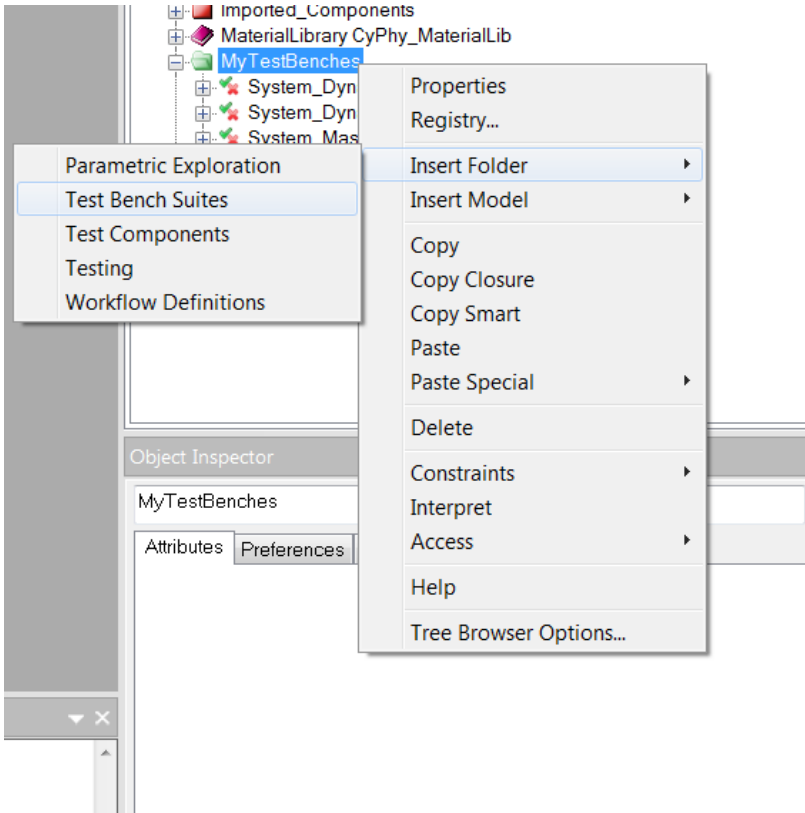


Figure 1: Inserting a Test Bench Suite Folder

Right click on the SoT folder > Insert Model > TestBenchSuite, as seen in Figure 2.

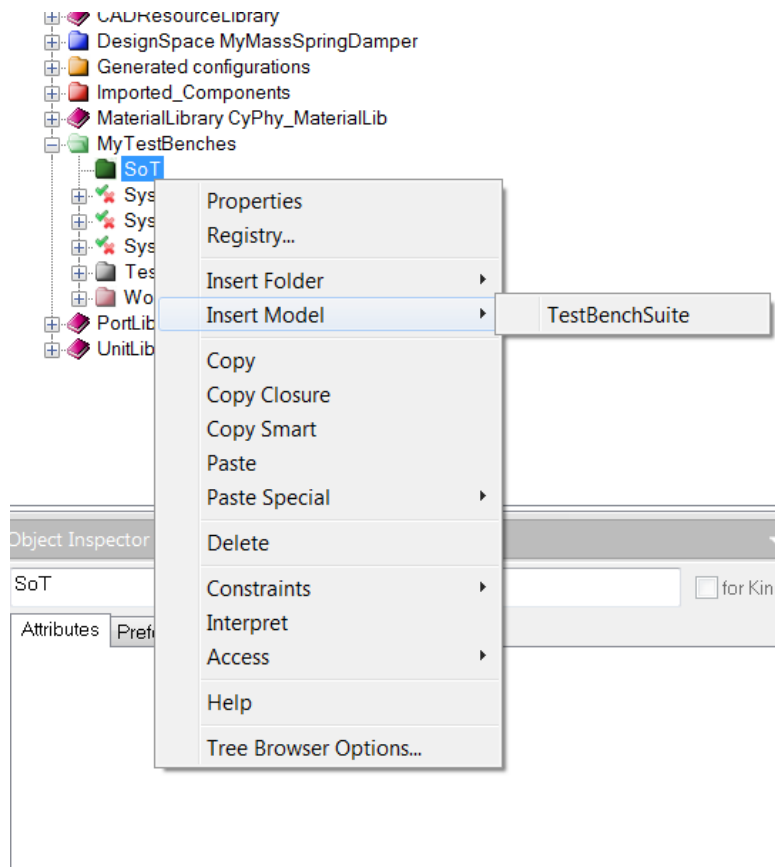


Figure 2: Inserting a TestBenchSuite Model

Double click the SoT model to open a new workspace. Copy and paste as reference the first test bench into the workspace. For this example, a dynamics test bench is used, as seen in Figure 3.

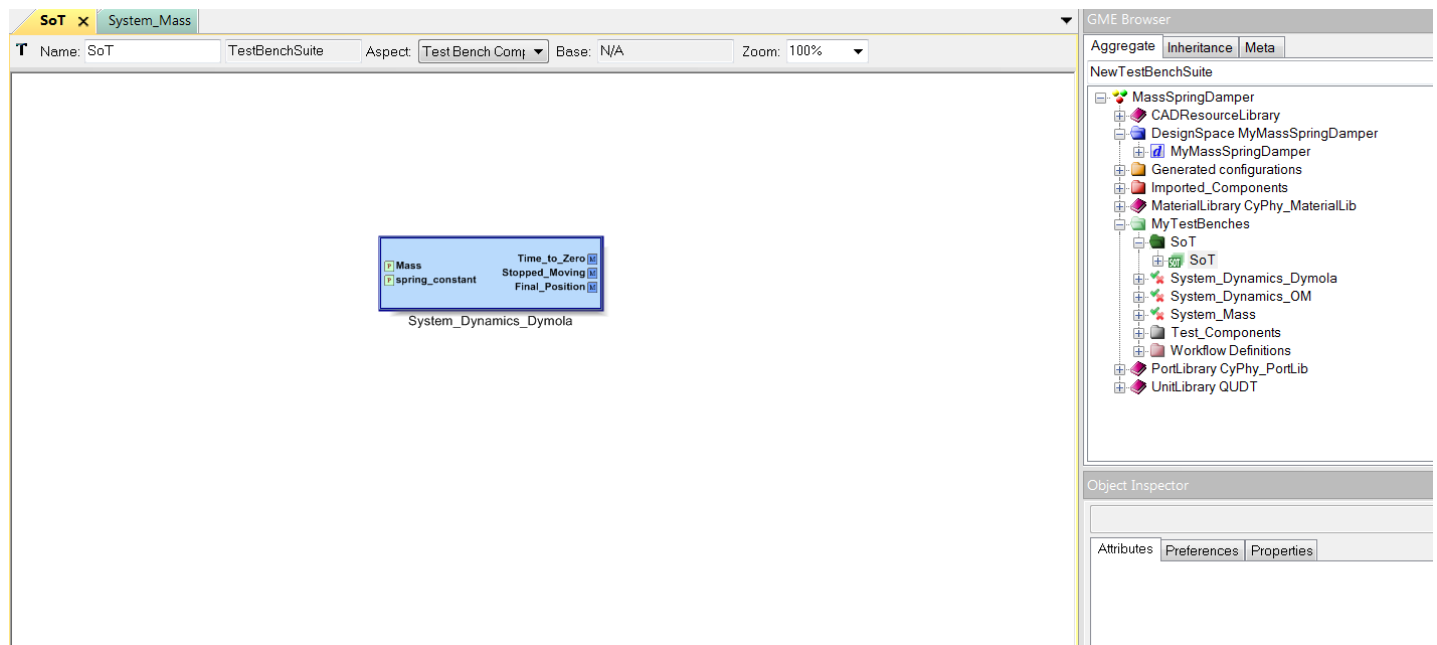


Figure 3: Pasting as reference a Dynamics Test Bench

Copy and paste as reference the second test bench. In this case, it is a System\_Mass test bench, as seen in Figure 4.

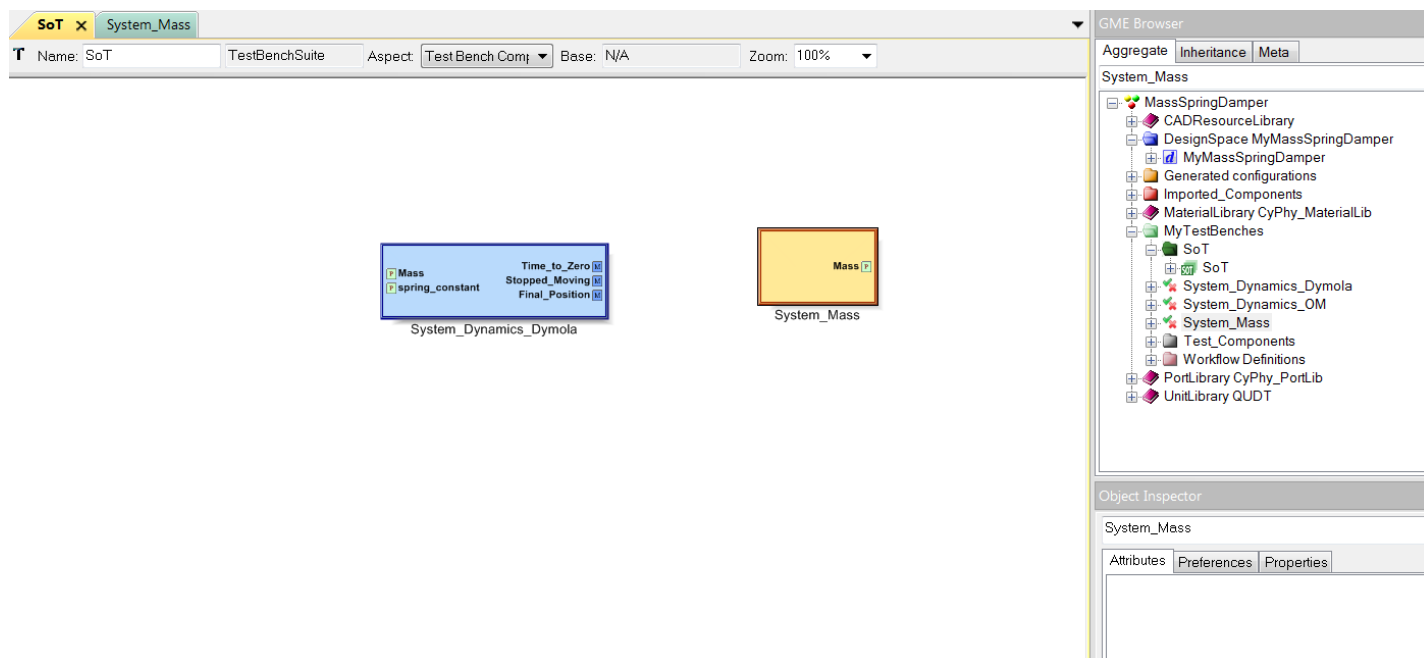


Figure 4: Pasting as reference a Mass Test Bench

Connect the System\_Mass test bench parameter to the Dynamics Mass parameter, as seen in Figure 5.

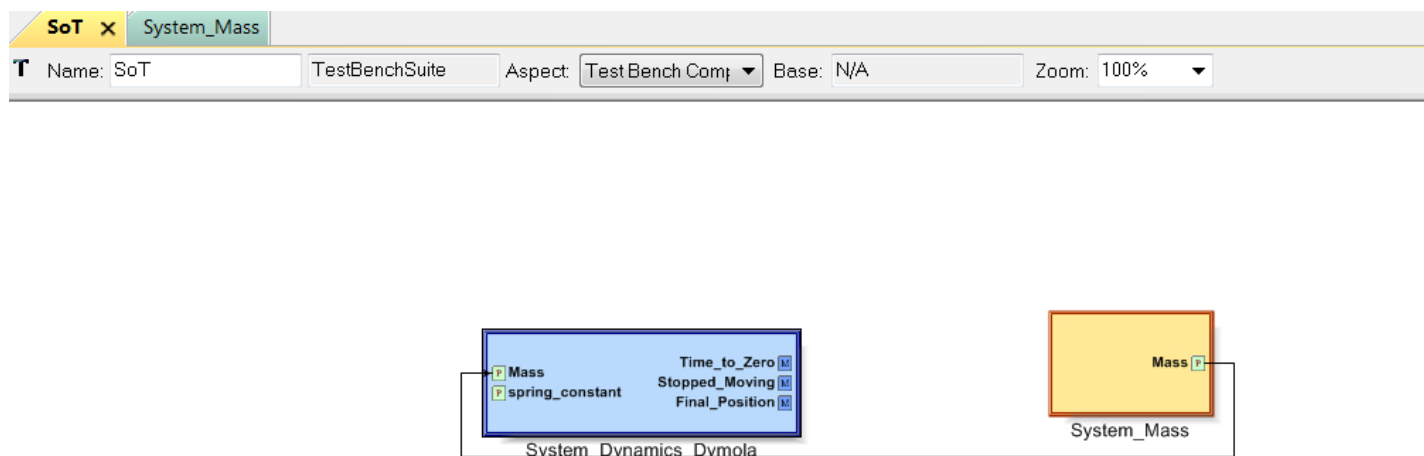


Figure 5: Connecting Two Test Benches

Run the [Master Interpreter](#) to execute the Mass test bench and then the Dynamics test bench.