

API

🌐 Language: [Deutsch](#) · [English](#)

API

The scripting API of business tests – `BusinessTestScript` methods and generated entity classes.

REFERENZ

DEVELOPER

UPDATED: JUL 2026

APPLIES TO NUCLOS 4.2026.X

On this page

- [Methods](#)
- [Entity classes](#)
- [Related pages](#)

Every business-test script automatically extends `org.nuclos.server.business.test.execution.BusinessTestScript` and provides the following methods, among others.

Methods

Method	Purpose
<code>void attempt(Callable c)</code>	runs the callable and catches exceptions; increments the error/warning counter if needed without aborting the script.
<code>void fail(String message)</code>	makes the test fail (only in exceptional cases – assertions are usually better).
<code><T> T withUser(String user, Callable<T> c)</code>	runs the callable as the given user (with their permissions) and returns its result.

Entity classes

For every BO an entity class is generated to access the attributes; it provides helper methods (getters/setters, `save()` ...).

```
withUser('test') {  
    Order order = new Order(orderNumber: 123).save()  
    assert order.createdBy == 'test'  
}
```

Related pages

⚙️ Business tests

Overview.

[Open](#)

⚙️ Operation

Operation.

[Open](#)