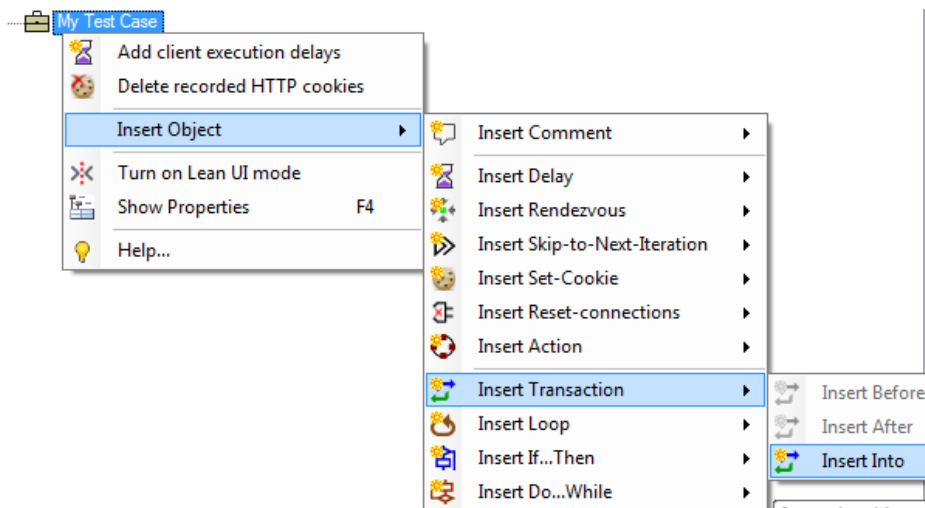


# Test Case Object Hierarchy

The Test Case Tree displays the Test Case Objects Hierarchy. To insert a new object into a test case, right-click on the test case node > Insert Object > select the object to insert > click Insert Into option



There are 2 types of objects that can be inserted into a test case. A **container object** that can have zero or more objects contained inside it and a regular object that can't have any other objects inside it.

The types of regular objects that can be inserted are:

- [Comment](#)
- [Delay](#)
- [Rendezvous](#)
- [Skip-to-Next-Iteration](#)
- [Set-Cookie](#)
- [Reset-connections](#)
- [Action](#)


The types of container objects that can be inserted are:

- [Page and Transaction](#)
- [Loop](#)
- [If...Then](#)
- [Do...While](#)

The number of supported hierarchical levels is practically unrestricted. A rich object hierarchy allows more precise emulation of the most complex test scenarios and also more granular performance metering. For example, you can create a transaction with any number of pages, loops, and other transactions or any parts of a loop, page, or transaction. After that, StresStimulus will monitor this transaction and create its performance sub-report.

To insert a new object as a sibling to another, right-click on the sibling > Insert Object > select the object to insert > click Insert Into option > **Insert Before** to insert the object before the sibling or **Insert After** to insert the object after the sibling.

Inserting requests

 Inserting requests into the test case tree can only be done through the [recorder](#) or [web API test builder](#).

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| <p>The following commands with object s are supported:</p> <ul style="list-style-type: none"><li>• <b>Y</b></li><li>• <b>o</b></li></ul> |  |
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The screenshot displays a software interface for test case management. The main window is titled "Main" and contains a "Workflow Tree" on the left and a central workspace. The workflow tree shows a sequence of steps: "Record Test Case...", "Build Test Case", "Test Profile", "Other Options", "Run and Monitor Test...", and "Analyze Results". The central workspace shows a detailed view of a test case, including a "Computer" container with a "Loop" containing several image requests. A context menu is open over the "Your store. Apparel amp. Shoes" container, showing options like "Edit Transaction", "Clone Transaction To...", "Select All Like This", "Delete object(s)", "Remove container", "Create Container", "Insert Object", "Move Up", "Move Down", and "Help...". The "Move Up" option is highlighted, and a tooltip indicates "Move the selected object one position up". Below the context menu, a table displays the properties of the selected object:

| Object type              |                   |
|--------------------------|-------------------|
| Host                     |                   |
| Path                     |                   |
| Query                    |                   |
| Title                    |                   |
| URLs                     |                   |
| Request Size (KB)        |                   |
| Response Size (KB)       |                   |
| Duration (s)             |                   |
| Goal (s)                 |                   |
| Think Time (s)           | 3.078             |
| When to Request the Page | In All iterations |

Below the table, a section titled "Think Time (s)" explains: "The think time is a delay added at the end of the transaction to simulate the user's wait time before requesting the subsequent page".

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From the context menu, you can also create or delete new objects.

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You can change the properties of any selected object in its property grid, displayed below the object tree.

**Info:** The list of properties of these objects is available in [User Interface Reference - >Test Case Tree](#).