Known Issues

Simulation

''Function'' gives erroneous values

`Functions` have been reported to generate erroneous values in the following situation:

- `Function` is defined outside of `System` but used inside `System` (which is allowed) and
- OpenMP multithreading is used (i.e. Settings/Local/Threads per jobs > 1).

Work around:

- Drag `Function` inside the `System` or use only single thread per job.

Visualization

Gnuplot says "unknown or ambiguous terminal type"

Morpheus depends on Gnuplot version 4.4. Please update Gnuplot.

In many cases, this error is due to the fact that the `PDF` and `PNG` terminals depend on `libcairo`. As a workaround, one can use another terminal such as `SVG` or `JPG`.

Gnuplotter on-screen output shows flickering

Some gnuplot terminals, such as Aquaterm in Mac OSX, are relatively slow and may show flickering when run under `interactive` mode.

As a workaround, do one of the following:

- In `interactive` mode: Use the screen terminal `X11` instead of `aqua`.
- In `local` mode: Use a file terminal such as `png` and `pdf`.

Report an issue

Found a bug? Send us a report.

If you experience reproducable crashes in a situation that is not covered here, please send us a bug report.

In the bug report, include as much information as possible, such as:

1. How to reproduce the bug

2. XML model that produced the error (if applicable)
3. Morpheus version/revision (see `Settings → Local → Check Simulation → Test`)
4. Your operating system
5. Log file of the debugger (`gdb.log`)

GUI

Added item does not appear (immediately) in Editor (tree view)

As a workaround, click on the element in the Document view. This will force updating the tree view.

Drag/dropping items in Editor mixes up subitems

As a workaround, click on the element in the Document view. This will force updating the tree view.

Some jobs continue despite stopping multiple jobs in ''JobQueue''

If this occurs, you will need to remove the remaining jobs by selecting and removing them again.

Simulation state [SnapShot].xml.gz cannot be restored (under Windows)

It has been reported that snapshots of simulation states, in compressed model files (`[SnapShot].xml.gz`), cannot be restored under Windows. This is most likely due to a corruption in file compression.

A solution or workaround has yet to be found.