

# 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 reproducible 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.

### [Checkpointed 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.

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