Changes 5.0.1

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This is a major bugfix release -- no significant new features were added since Changes 5.0.0.

Bugs fixed

- Various display bugs fixed with edit dialogs -- should be much more robust
- Crashing on quitting should also be fixed.
- Undo now works properly for undoing the deletion of a spec from a network -- this case was not working due to complicated optimization logic for network undo saving.
  - it is also now possible to correctly undo wizard actions.
- view control panel now back for projects with only one 3D view tab.
- Load Append Data on data table now actually appends -- was overwriting.
- Can now enter scientific notation in numeric fields.
- Sets current working directory on project save and at start of program (Init) -- useful when multiple projects are open.
- standard prog lib Programs for Leabra and Bp are updated to include features that were previously spread across different variants of Train, Batch, and Startup -- in particular, they support parallel batch mode operation along with the normal sequential-batch mode, determined just by the parameters that were passed.
- ODE joints: visualization of joints. essential for finding collision points between connected bodies and developing an intuition for how joints work and where they are.
- ODE bodies: linear/angular damping (set damping scales and thresholds), finite rotation mode (good for wheels), gravity mode (disable gravity for certain bodies).

For full list, see:
bugzilla all fixed bugs [1]

References

[1] http://grey.colorado.edu/bugzilla/buglist.cgi?bug_file_loc=&bug_file_loc_type=allwordssubstr&bug_id=&bug_status=RESOLVED&bug_status=CLOSED&bugidtype=include&chfieldfrom=&chfieldto=Now&chfieldvalue=&email1=&email2=&emailassigned_to1=1&emailassigned_to2=1&emailcc2=1&emailreporter2=1&emailtype1=substring&emailtype2=substring&field-1-0-0=bug_status&field-1-1-0=resolution&field0-0-0=noop&long_desc=&long_desc_type=substring&query_format=advanced&remaction=&resolution=FIXED&short_desc=&short_desc_type=allwordssubstr&type-1-0-0=anyexact&type-1-1-0=anyexact&type0-0-0=noop&value-1-0-0=RESOLVED%2CCLOSED&value-1-1-0=FIXED&order=bugs.bug_id%20desc&query_based_on=fixed%20all
Article Sources and Contributors

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