Release Notes - OpenSHAPA: 0.93 Alpha

75: Load, Save & Save as databases (extends off Johns reload and save database code)

When opening and saving databases in OpenSHAPA; users are able to select "open database format", a backwards compatible format that will work with MacSHAPA (however, currently some datatypes are not correctly being saved within OpenSHAPA).

330: Need the ability to delete a column / variable from the spreadsheet/database

When viewing the spreadsheet containing at least one column/variable; users are now able to delete this column/variable from the database by selecting "Spreadsheet -> Delete Variable".

571: Version -- automatically place build identification in About screen

When viewing the OpenSHAPA about dialog; users are able to get information on both the current version and build of OpenSHAPA.

132: Plugins - dynamically load new functions - spec for plugin architecture.

OpenSHAPA now contains the foundations of a plugin framework; plugins are dynamically loaded on start-up and allow arbitrary customisation of data visualisation.

345: Shuttle/Play speed display in QT controller

When viewing the Data Controller; the current playback speed is displayed alongside the timestamp of the current frame.

475: Write end-user wiki page on how to install OpenSHAPA

The OpenSHAPA user guide now has instructions on how to install OpenSHAPA.

476: Write end-user wiki page on simple OpenSHAPA usage

The OpenSHAPA user guide now has instructions on basic OpenSHAPA usage.

458: Function to refresh spreadsheet without having to create a new one

When changing the size of fonts within the spreadsheet; we now have the ability to refresh the spreadsheet without having to create an entire new one.

474: User interface hangs/crashes after doing multiple zooms.

When doing multiple zooms of the spreadsheet; the user is now able to do as many zooms as they like without OpenSHAPA crashing.

505: Update removeVocabElement to delete database columns

When using the removeVocabElement of the database class; all data associated with the vocab element is now also removed (in particular, cells and columns tied to a matrix).

567: Override cut for the editors so that database gets correctly updated on cut.

When editing the spreadsheet; users are now able to correctly cut the values of cells.

568: Can overflow floating precision in float columns

When editing float columns/variables within the spreadsheet; the user should be prevented from entering a state that can not be accurately represented.

581: Matrix second nominal argument screws up after ending first argument with a space

When editing matrix variables within the spreadsheet; users are now able to end nominal values with spaces.

579: Nothing except "-" can intially be typed into Matrix float

When editing matrix variables within the spreadsheet; users are now able to start float values with characters other than '-'.

576: No warning if New database has no name. Just does nothing

When creating a new database; users are warned when they have not supplied a correct database name.

583: Highlighting float value and pressing zero changes to "."

When editing float values within the spreadsheet; highlighting the float and pressing zero now results in the value being set to zero.

585: Pasting "-123" drops the negative in an integer cell

When copy and pasting integer values within the spreadsheet; pasting the value "-123" no longer drops the negative.

598: Fix and restore the add matrix button on the vocab editor

When altering coding vocabularies using the "vocab editor"; users are now able to add new matrices to their code vocabulary.

634: Write UI tests for the revert button in the vocab editor.

When running automated UI regression tests; additional tests for using the revert button in the vocab editor are also now invoked.

637: Need to insert escape character when exporting as csv

When saving OpenSHAPA databases as CSV files; ',' characters now can be escaped, so ',' can be used within the values of cells.

638: Write UI tests for the add predicate button in the vocab editor.

When running automated UI regression tests; additional tests for adding predicates to the vocab editor are now also invoked.

640: Create UI tests for the ability to edit vocab element names in the vocab editor.

When running automated UI regression tests; additional tests for editing vocab element names in the vocab editor are now also invoked.

666: Fix testNewMatrixCellDoubleArgFloat

When running automated UI regression tests; additional tests for editing a matrix with two double arguments are now also invoked.

674: Upgrade Piwik to version 0.4.4

WEBSITE - Upgraded piwik to version 0.4.4.

675: Upgrade Wordpress to version 2.8.5

WEBSITE - Upgraded wordpress to 2.8.5.

683: Menus - use 'variable' and 'column' consistently

When viewing the 'spreadsheet' menu; the 'variable' terminology is now used consistently, with the delete column being renamed to 'delete variable'.

503: Need to refactor DataValueEditorFactory/MatrixRootView - resetValue should not be checking instanceOf.

When resetingValues of matrix root views, reflection no longer needs to be used. resetValue is now called on each editor component.

592: Fix and restore the delete button on the vocab editor.

When altering coding vocabularies using the "vocab editor"; users are now able to delete elements from their code vocabulary.

593: Fix and restore the move argument left button on the vocab editor

When altering coding vocabularies using the "vocab editor"; users are now able to move arguments to the left.

594: Fix and restore the move argument right button on the vocab editor

When altering coding vocabularies using the "vocab editor"; users are now able to move arguments to the right.

595: Fix and restore the ability to change argument types in the vocab editor

When altering coding vocabularies using the "vocab editor"; users are now able to change

the types of arguments used.

597: Fix and restore the add argument button to the vocab editor

When altering coding vocabularies using the "vocab editor"; users are now able to add arguments to matrices and predicates.

408: Vocab Editor: Only one argument of each type can be created, is this correct?

When altering coding vocabularies using the "vocab editor"; users are now able to more easily add multiples of each argument type.

410: Vocab Editor: New matrix cell creates an entry in VE, new predicate does not

When creating matrix columns; a corresponding element is also automatically created within the vocab editor.

411: VocabEditor:New matrix cell creates argument <val>. This is undefined. Is this correct?

When adding new matrices to a spreadsheet; the default formal argument type is now "nominal", rather than undefined.

412: VocEd: Deleting variables doesn't work

When altering coding vocabularies using the "vocab editor"; users are now able to delete arguments/variables.

414: VocEd: Editor doesn't work for matrix. Doesn't correspond to VocEd

When altering coding vocabularies using the "vocab editor"; users are now able to more reliably change matrices.

416: VocEd: New matrix cells have extra space after last argument

When creating new matrices in the spreadsheet; cells no longer have an extra space after the last matrix formal argument.

419: VocEd: If a new vocab has been created, shouldn't be able to create a corresponding column?

When creating new matrix vocab elements in the vocab element; a corresponding matrix column is now also automatically created.

420: VocEd: If a variable has been previously created, simply clicking it makes it think a change has occurred.

When altering coding vocabularies using the "vocab editor"; clicking on a variable no longer confuses the change state of the editor.

520: Vocab editor breaks ability to change database

When altering coding vocabularies using the "vocab editor", users are no longer able to break the ability to make changes to the spreadsheet.

60: Spreadsheet - Selected cell populates find time within the quicktime controller.

When selecting cells within the spreadsheet; the find time in the data controller is now also automatically filled with the onset of the last selected cell.

94: Quicktime Controller - shortcut keys for find and go back, are not binded to their actions.

When using the data controller; shortcut keys for find and go back are now bound to their actions and should correctly function.

358: Quicktime controller - correct aspect ratio and aesthetics of interface

When using the data controller; users are now presented with a dialog that more closely matches the aspect ratio of a numpad, to which it is strongly tied.

466: Rewind doesn't take you back to 0 time.

When using the data controller; users rewinding data streams will be taken back to exactly 0 time.

462: Fogbugz script only seems to log one commit per push. Should log all commits.

SERVER - When pushing commits to the central repository, the fogbugz script now logs and updates all commits, rather than just the first.

463: If a video is paused an resized, it disappears. Not necessarily an issue.

When resizing quicktime videos after the data controller has been paused; the video window now correctly gets re-sized.

467: NullPointerException if numpad keys are pressed in cell value

When editing the spreadsheet; users pressing numpad keys will no longer generate Null Pointer Exceptions.

452: Spreadsheet - Spreadsheet frame should keep focus

When using the data controller in conjunction with the spreadsheet; users hitting shortcut keys for the data controller will no longer loose focus on the spreadsheet window.

624: Shift 'create cell logic' to the QTVideoController

The data controller now contains the 'create cell' logic, rather than the viewer/plugins.

627: Shift 'set cell offsetlogic' to the QTVideoController

The data controller now contains the 'set cell offset' logic, rather than the viewer/plugins.

625: Shift 'set stop time logic' to the QTVideoController

The data controller now contains the 'set stop time' logic, rather than the viewer/plugins.

626: Shift 'set cell onset logic' to the QTVideoController

The data controller now contains the 'set cell onset' logic, rather than the viewer/plugins.

613: Change the Plugin interface to deal in milliseconds rather than frames.

The plugin interface now ensures that plugins communicates with OpenSHAPA in milliseconds rather than frames.

614: Create a timer mechanisim in the controller that requests frames from the various viewers.

The data controller now has its own timer mechanism which is uses to marshal all the plugins that are currently being employed to display the users data.

615: Rename the quicktime controller to data viewer.

The Quicktime controller has now been renamed to be a 'Data controller' to reflect its new more powerful nature.

617: Implement getPluginFileFilters in the plugin Manager

The plugin manager now contains an implementation of "getPluginFileFilters" which returns the file filters used by all the plugins registered with the manager.

618: Implement factory method in buildViewerFromFile in the plugin Manager

The plugin manager now contains an implementation of "buildViewerFromFile" which builds the correct plugins data viewer based on the supplied file.

650: PluginManager not working when compiled into jar file.

The plugin manager now correctly functions when compiled as part of a jar file.

677: DataController - Need to make the distinction between pause and stop (pause remembers current playback speed).

When using the data controller to manipulate data viewers; users now have a distinction when choosing between pause and stop. Pressing pause will remember the current playback speed (which can be resumed by pressing pause again). While stop clears the current playback speed.

679: QTDataViewer - On OSX opening a video actually leaves us with a white screen.

When opening a video on OSX; the video is now correctly initalised to the first frame of the

video rather than a white screen.

681: Timer needs to stop at zero when rewinding.

When rewinding data using the data controller; the timer now has a hard floor at zero - preventing the user from wrapping around back 24 hours.

562: Need a user section on how to setup video hardware for capture.

The OpenSHAPA user guide now has instructions on simple experimental hardware setup.