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File Name : ReleaseNotes.pdf  
Application Name : Deltek Test Runner  
Application Version: 3.1.0  
Selenium Version : 2.53.1  
Modified Date : 11/9/2016  
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#### Revision History

v3.1.0

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- Bug Fix 603434: Deleting Environment/Remote Browser/Mobile Browser list elements won't update the list, and would crash Test Runner if there are no elements left to delete
- Bug Fix 603412: Fixed environment selection issues in Test Runner
- Bug Fix 580144: Fixed misspelled word "Receipient" in Deltek Test Runner
- Bug Fix 578982: When adding new Remote machine under Remote Tab, Browser value does not change when selecting from one remote machine to another
- Bug Fix 591140: When adding new RemoteBrowser/Mobile, TR needs to restart so new values can be used in TE and Test Queue
- Bug Fix 623450: In Test Capture, Edit for a step with blank parameter throws an error
- Bug Fix 615657: Links with different mapping for MSS and ORA should work for Test Capture and Test Editor/Runner
- Bug Fix 608906: Fixed Record options omit underscore characters for environments with underscore characters
- Bug Fix 596954: Fixed Test Capture cannot catch the % sign
- Bug Fix 605615: Fixed Test Capture does not recognize Calendar icon when clicked
- Bug Fix 698902: Fixed Test Capture does not recognize RadioButtons located in MainForm
- Bug Fix 612150: Fixed Test Capture/Test Runner closes unexpectedly while recording
- Bug Fix 696843: Fixed when re-ordering steps, selected step re-ordered is not in view
- Bug Fix 603758: Fixed error when adding successive new line in Test Editor
- Bug Fix 603785: Fixed Copy-Paste issues in Deltek Test Editor
- Bug Fix 603770: Fixed Data grid row multiple row selection only allows Left Ctrl key. Right Ctrl key should also be allowed as modifier
- Bug Fix 607167: Fixed if data column name has underscore char, selected cell in Data View does not change when a step in Keyword View using data column is selected.
- Bug Fix 698184: Fixed if test has no data driven values, Execute field in update panel still shows line divider
- Bug Fix 623120: Fixed Import/ Export of CSV Data File showing data in incorrect columns
- Bug Fix 607514: Fixed In DataView, when copying and pasting a data row, additional underscore char are added to column names with underscores
- Bug Fix 607517: Fixed In DataView, when New Row is clicked after and pasting a data row, data row will be cleared of all existing values
- Bug Fix 698892: Fixed New row in keyword grid should have "True" as execute value instead of "true"
- Bug Fix 603338: Fixed Test Editor with steps over 100 crashes the test runner
- Bug Fix 697001: Fixed Select All fails for some scripts (CTRL+A)

- Bug Fix 603479: Fixed Select Rows issues in Test Editor
- Bug Fix 694070: Fixed template.trd being created on prompt to save file before data export
- Bug Fix 612228: Fixed Test Editor Data View goes blank after copy-paste row
- Bug Fix 580200: Fixed Test Editor does not accept Exclamation Point (!) when its being inputted in textboxes
- Bug Fix 603430: Fixed Test Runner crashes when control-clicking the same row header twice in DataView
- Bug Fix 607924: Fixed When a test is saved in TE and Test Queue has a loaded suite, a dialog saying suite has been loaded is displayed
- Bug Fix 605639: Fixed When Keyword field in update panel is populated with invalid value, valid values will no longer be shown in dropdown list when valid value is erased.
- Bug Fix 602853: Fixed When there is only 1 column in datagrid, cannot select multiple rows (for deletion)
- Bug Fix 607902: Fixed Execution dialog with progress bar displays cropped text if text path is too long
- Bug Fix 693484: Fixed Hiding the Search field in Test Explorer is slow.
- Bug Fix 623449: Fixed Newly added RemoteBrowser and Mobile in Settings form does not come up in Browser options in Test Queue and Test Editor ad-hoc dialog until reboot of Test Runner
- Bug Fix 600545: Fixed On execution status dialog, x in status text saying "Test <x> of <y>.." should indicate row number of test being ran, not actual number of tests executed
- Bug Fix 591444: On Test Explorer, confirmation dialog to when deleting test/folder should have title of 'Delete' instead of 'Delete test?'
- Bug Fix 591150: Fixed searching performance in Text Explorer
- Bug Fix 603337: Fixed Rapid Copy-Paste in step grid crashes Test Editor
- Bug Fix 619718: Fixed Test Runner waits for a long time upon encountering system error
- Bug Fix 602851: Fixed When canceling 'Add' folder in Test Tree, Test Tree reloads and freezes the form momentarily
- Bug Fix 602850: Fixed When canceling 'Import' test in Test Tree, Test Tree reloads and freezes the form momentarily
- Bug Fix 607897: Fixed When changing products, loading dialog displays cropped text
- Bug Fix 594231: Fixed When changing test display type for all tests in queue, if last test in queue has 'Keep Open' set to TRUE, it will be set to FALSE
- Bug Fix 607580: Fixed When deleting a row which is assigned as Activator test of another row in Test Queue, Dependency information did not adjust
- Bug Fix 602852: Fixed When Remote Browsers and Mobile Browsers are empty, do not put headers in Apply All context menu
- Bug Fix 598643: Fixed EXE extension support as external script
- Bug Fix 603951: Fixed Misspelled word 'receptients' in the label above the email addresses field.
- Bug Fix 600926: Fixed Pre/Post Scripts Start in field should not have a character limit.
- Bug Fix 615660: Fixed Suite names are being displayed as lower case
- Bug Fix 604508: Fixed Test Runner Tool did not get latest files before suite scheduled run (INTERNAL)
- Bug Fix 608877: Fixed Command line is interactive, scheduled run stalls and asking for user input
- Feature 582536: Add field in Settings for SMTP (Simple Mail Transfer Protocol) server, for use of AutoMail.exe

- Feature 600546: Add 'Up' and 'Down' buttons for re-order of test steps in steps grid
- Feature 591151: Allow feature to Edit Parameter while on Paused state
- Feature 613155: Playback should allow selection of test instance to run
- Feature 560944: Test Capture support for VerifyExists/Read-Only/Value/Text
- Feature 602857: Add ability to convert a non-data-driven script to data-driven script
- Feature 594872: Add feature to allow multiple rows to be deleted in DataView grid
- Feature 602855: Allow update of step 'Delay' for multiple rows in Keyword grid
- Feature 602846: Change font color of Step Row to gray (or the like) and font style to Italic if execute value is False
- Feature 693499: Control type filter in Update Panel
- Feature 693504: DataView parameter lookup from Update Panel
- Feature 605881: In DataView, when a column is renamed, all test steps in KeywordView using the old data column name should now use the new column name
- Feature 602856: On Ad-hoc run, put header in dropdown of Browsers to differentiate between Web/Remote/Mobile
- Feature 611035: Convert to Data should allow data-conversion per selected row only
- Feature 619658: Support data-driven values (D{ }) for Execute column
- Feature 591141: Add divider Test Queue context menu to separate Browser/Remote Browser/Mobile
- Feature 602849: Add 'Find' option similar to test tree to Open Suite dialog
- Feature 591147: Add progress bar and helpful information on Execution dialog box
- Feature 598636: Added support for Budgeting and Planning
- Feature 607573: Encrypt username/password information in Init.dat and config.xml
- Feature 607572: Encrypt username/password information in LoginConfig.xml
- Feature 613164: Executed step/s count information should be presented in main UI
- Feature 613154: Execution status dialog in Test Editor Ad-hoc should also indicate current step being executed
- Feature 598635: Get all default values in Init.dat
- Feature 596183: Oracle Database Handler
- Feature 693506: Provide menu item in Help that will open the user guide
- Feature 607907: Put Browser type header for browser dropdown in Test Queue
- Feature 560075: Setting to allow users to get latest TR executables/lib at launch. (INTERNAL)
- Feature 596167: Test Explorer folders collapse every time a test is edited
- Feature 611038: Update email notification to send feedback, enhancements, and issues to DeltekTestRunner@deltek.com customer support center
- Feature 592677: Upgrade Selenium to support Firefox 45 (and 46, if already out)
- Feature 602864: When Import is clicked, ask user if he intends to import files or folder via dialog
- Feature 549227: Whenever running in queue, a test execution can be configured to depend on success or failure of a specified preceding test.
- Feature 607892: Write encrypted product key in windows registry instead of in a test file
- Feature 598637: Allow import/export of Scheduler info (from 1 machine to another)

- Feature 530003: Allow post/pre execution of external scripts
- Feature 608795: AutomationAgent.exe should retain state of running/not running when machine is restarted
- Feature 613228: Enable Run Now for Network machines
- Feature 559905: Multiple schedules for same suite on the same day should be allowed
- Feature 595451: Scheduler feature that can copy paste/ save schedule so that we can reuse the same schedule on all days of the Scheduler
- Feature 590332: Schedules on queue can be turned off/on to allow skipping of queued test suites
- Feature 561815: Send a message when the scheduled execution starts
- Feature 617463: Set Schedule time edit field should use more 'ticker' UI instead of simple text field
- Feature 602277: When per schedule email recipients and default email recipients are both not set, scheduled execution should not send email
- Feature 605856: Add 'Run Now' feature to Test Scheduler

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- Bug Fix 572578: Fixed mapping of control under Change Expense Report/Advance Status (EPQCHGEXPSTAT) .
- Bug Fix 569624: Fixed mapping of function control under TMRFLRCHK.
- Bug Fix 578605: Fixed mapping of "Amortization Schedule Code" field in OEMNTSO1 and OEMNTSO2
- Bug Fix 579388: Fixed mapping of controls for EMAMAIN
- Bug Fix 577291: Fixed mapping of controls missing in INMSET
- Bug Fix 570622: Fixed mapping of links in PPMNTRQ2
- Bug Fix 569969: Fixed mapping of links in POQSTAT
- Bug Fix 576763: Fixed mapping of controls in MRMIAPEG
- Bug Fix 572210: Fixed mapping of controls in PDMTEXT
- Bug Fix 569209: Fixed mapping of missing Childform in ECMECN
- Bug Fix 568705: Fixed mapping of missing controls in POMSET
- Bug Fix 568489: Fixed mapping of controls in OEMSET
- Bug Fix 578179: Fixed mapping of PCPTOOL screen
- Bug Fix 568137: Fixed mapping of PJMACGRP ProjectAccountsForm
- Bug Fix 571098: Fixed mapping of Charge Allocations Under Ceiling Table under EPMEXPRPTAPPROVE
- Bug Fix 569427: Fixed mapping of User Directed Form under EPMEXPAUTHAPPROVE
- Bug Fix 560942: Fixed mapping of Charge Allocation under EPMEXPRPTAPPROVE
- Bug Fix 572111: Fixed mapping of Charge Allocations table under EMEXPAUTH
- Bug Fix 572573: Fixed mapping of Default Charge Tab,Main Form in Approve Expense Report (EPMEXPRPTAPPROVE) Application
- Bug Fix 575302: Fixed mapping of Expense Class Form in Export ERs/Advance (EPPEXPORTEXP) Application
- Bug Fix 569950: Fixed mapping of Lookup Table
- Bug Fix 569632: Fixed mapping of Lookup Table in Print Timesheet By Charge (TMRTSCHRG)
- Bug Fix 569430: Fixed mapping of Lookup Table under TMQCLRTMSHT
- Bug Fix 571215: Fixed mapping of Message Area under EPMEXPAUTH
- Bug Fix 570803: Fixed mapping of Textbox in TMRTSSTATUS Application
- Bug Fix 570592: Fixed mapping of Textbox under EPMEXPRPTAPPROVE.
- Bug Fix 570624: Fixed mapping of unknown control in POPCOMM

- Bug Fix 573145: Fixed mapping of unknown controls in PDMPCAT
- Bug Fix 575542: Fixed mapping of links in PPMNTRQ2
- Bug Fix 576784: Fixed mapping of INPALLOC screen
- Bug Fix 569980: Fixed VerifyReadOnly keyword
- Bug Fix 574648: Fixed VerifyTableColumnHeaders keyword
- Bug Fix 578127: Fixed Android automation not working due to webviews not visible for packages built with Crosswalk
- Bug Fix 525088: Fixed Android not capturing error screenshot
- Bug Fix 577704: Fixed iOS automation encountering 'Method not found' error
- Bug Fix 577706: Fixed iOS Touch products not allowing unsecured (HTTP) server URL, only allows HTTPS as set by Apple development standards
- Bug Fix 545131: Fixed Mobile Tab accept and reject buttons are clipped from screen when performing New/Edit
- Bug Fix 545133: Fixed Mobile tab groupd label changed to 'Devices' from 'Mobile'
- Bug Fix 545132: Fixed Remote Tab group label renamed to 'Remote Machine' from 'Remote Browsers'
- Bug Fix 567230: Fixed steps created with GetTableRowWithColumnValue keyword
- Bug Fix 573117: Fixed Receipt Line number control has not defined
- Bug Fix 571336: Fixed Apply button not recorded in Exchange Rate Subtask.
- Bug Fix 575367: Fixed incorrect verification of Find\_Count\_Results
- Bug Fix 560917: Fixed Verify icon wrong state when paused
- Bug Fix 567713: Fixed column header names with an underscore are not displayed properly in the Test Editor Data view.
- Bug Fix 544613: Fixed DataView column renamed with '.' included in name, all values for that column is deleted
- Bug Fix 580629: Fixed AssignToVariable not allowing same variable name to be overwritten
- Bug Fix 563826: Fixed cannot queue folder contents in Test Explorer if folder is more than 2-level deep
- Bug Fix 573171: Fixed fails in login due to latency
- Bug Fix 570493: Fixed Firefox 43 not working
- Bug Fix 577378: Fixed application crash when changing selecting Product on Settings form with incomplete Product directories/files
- Bug Fix 569868: Fixed Deltek Test Runner tool not displayed on the taskbar and hidden behind existing windows
- Bug Fix 571564: Fixed when querying a record with no records found, waits for a long time
- Bug Fix 577315: Fixed scripts do not run when prior script ended after 12 midnight
- Bug Fix 583213: Fixed GetTableRowWithColumnValue does not work even if the record is present
- Bug Fix 581241: Added additional controls for ECMAMAIN
- Bug Fix 581442: Added missing control in MEMRFQS
- Bug Fix 587453: Added SYMGRP screen/objects
- Feature 570217: Added ClickTableCheckBox keyword
- Feature 569871: Added Verify keywords on the Browse Applications after typing on the Search Application text box
- Feature 569874: Added verify the form button labels
- Feature 569882: Added VerifyIfBlank keyword for verifying fields that are supposed to have a default value upon first launch without verification of the actual text

- Feature 569930: Added a confirmation dialog whenever we stop the recording of a test using test capture and then closing the Test Capture window via the 'X' button
- Feature 555320: Added getting and setting system generated IDs
- Feature 571537: Grouped related toolbar buttons
- Feature 569873: Added verify to the table/form headers
- Feature 552729: Added support Calendar control
- Feature 567209: Added feature to delete of multiple lines
- Feature 568143: Added adjustability of column headers in log section
- Feature 569216: Added error message info in email report
- Feature 570104: Added license key
- Feature 571173: Moved all settings/configuration files under Tools/TestRunner folder to Products/Common/Config/config.xml
- Feature 571878: Removed link to CHANGELOG.txt in What's new dialog
- Feature 561814: Added Clear all tests in scheduler
- Feature 571171: Moved scheduler file from Tools folder to new Products/Common/Scheduler folder

v2.2.7

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- Bug Fix 549688: Fixed test playback in Test Capture not working on imported test if imported file is not located in its own Tests folder
- Feature 560123: Added support for reports module (see FW1)
- Feature 560611: Added new ClickOKMessageDialogIfExist keyword
- Bug Fix 560646: Fixed object mapping for POMACSET
- Feature 561759: Added ClickMessagesAreaButtonIfExists keyword
- Feature 564105: Added FileUploadManager screen and keywords
- Bug Fix 566299: Fixed ARMCTYPE MainformTable unknown in Test Capture
- Bug Fix 567181: Fixed Scheduler tab in Settings not appearing for non-internal products
- Bug Fix 566214: Fixed POQSTAT link not working
- Bug Fix 564998: Fixed BMMBOM1 ChildformTable is unknown in Test Capture
- Bug Fix 565299: Fixed When exporting an imported DDT script from TC, data values get deleted
- Bug Fix 565812: Fixed queue does not update when data driven values are updated
- Bug Fix 566127: Fixed Settings Form UI elements
- Bug Fix 563462: Fixed Mobile and Remote browser options still showing for Browser column in Test Queue, and A-hoc run, even if not supported by product
- Bug Fix 560650: Fixed object mapping for POPACCR
- Bug Fix 546688: Fixed When suite is loaded then cleared, running a new set of queued tests still prompts 'Suite has been modified.. Would you like to save?'
- Bug Fix 549687: Fixed opening a test suite that contains a test script that has been deleted or removed in the target directory does not open.
- Feature 557828: Added support to have default email recipients for scheduler
- Bug Fix 549910: Fixed console window displaying at startup of Test Runner
- Bug Fix 560648: Fixed object mapping for GLMACSET
- Bug Fix 560744: Fixed Settings form crashes when VS 2013 is not installed
- Bug Fix 560910: Fixed Browse Applications not recorded either verify or click via Test Capture
- Feature 561807: Added configurability in display name in test queue

- Bug Fix 566160: Fixed ClickTextBoxButton keyword
- Feature 565300: Added Test Capture ClickMessagesAreaButton support
- Feature 560626: Added Add Folder capability in Test Explorer
- Bug Fix 552272: Fixed Environment name being shown in Environment Header when queueing test suite is different from the saved Environment Name
- Bug Fix 556132: Fixed unable to record in Test Capture when using the arrow button to set a combobox inside a table
- Feature 560122: Added multiple formats for DateFormat keyword
- Feature 560627: Added capability to delete file/folder in Test Explorer
- Bug Fix 560644: Fixed object mapping for POPCOMM
- Bug Fix 565277: Fixed Subcontractor Agreement checkbox in PPMRFQV
- Bug Fix 564788: Fixed Test Editor crash when writing into a DataView cell where column header has 'backslash' character
- Feature 561813: Added configurability in test queue columns
- Feature 564096: Added multiple keywords in Function screen
- Bug Fix 560911: Fixed Form control VerifyButtonExists keyword
- Bug Fix 566300: Fixed multiple checkboxes controls for PPMRQSET
- Feature 567021: Added configurability in Test editor column headers width

#### v2.2.6

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- Feature 556671: Merged of internal and external builds
- Bug Fix 556159: Added mappings for multiple subtasks in PCMMOMNT (711)
- Bug Fix 556141: Fixed object mapping for PCMMOMNT (701)
- Bug Fix 552720: Fixed extra Add button appearing intermittently
- Feature 559268: Added FolderTree control type
- Feature 559902: Disabled source control group in Settings form if machine cannot support source control
- Bug Fix 559907: Fixed source control get latest files on Product folder
- Bug Fix 559909: Fixed time display on Scheduler UI for Sunday column
- Feature 556683: Support for Time and Expense product
- Bug Fix 557081: Fixed Networked machine setting of execution schedules
- Bug Fix 557693: Fixed restart of TR is required before a failed script runs completely
- Bug Fix 553282: Fixed missing status update in status bar
- Bug Fix 559718: Fixed Save and Exit toolbar button not working

#### v2.2.5

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- Bug Fix 554615: Fixed failed screenshot when modal dialog is displayed
- Bug Fix 554695: Fixed test waits for user input on messages area for a long time, causing Costpoint timeout dialog
- Bug Fix 547850: Fixed failures in test setup, error message in email report is path to screenshot, and link to error image is blank
- Bug Fix 555498: Fixed when playback fails, Test Capture doesn't work on resume.
- Bug Fix 552727: Fixed resume changes to Record when capture is paused and Clear button is clicked
- Bug Fix 555323: Fixed setting table controls failure when running
- Bug Fix 555506: Fixed object mapping for OEMNTS01 (711)

- Bug Fix 544834: Fixed clicking on message box records a "CLOSE" row
- Bug Fix 55524: Fixed environment dropdown allows no checked item
- Bug Fix 555211: Fixed mappings for missing controls in OEMNTS01(711)
- Feature 555496: Added tooltip to environment dropdown
- Bug Fix 552220: Some dialogs intended to be modal are modeless
- Bug Fix 555505: Fixed mappings for ChildForm Tabs in InventoryAllocations subtask in OEMNTS01(711)
- Bug Fix 555503: Fixed mappings for ProjSubParts and Approvals subtasks in OEMNTS01(711)
- Bug Fix 555504: Fixed mappings for InventoryAllocation and BasicInformation Tab in OEMNTS01(711)
- Bug Fix 549674: Fixed deletion of last row not allowed while Clearing of the while captured test is allowed
- Bug Fix 555497: Fixed rev field in PDMPART listed as Unknown
- Bug Fix 555507: Fixed object mappings and add mappings for missing controls in POMPOVCH(711)
- Bug Fix 555734: Fixed object mapping for POMPOVCH (701)
- Bug Fix 555735: Fixed object mapping for OEMNTS01 (701)
- Bug Fix 556012: Fixed autologin failure prompt does not appear in playback
- Bug Fix 556141: Fixed object mapping for PCMMOMNT (701)
- Bug Fix 556142: Fixed object mapping for LDMEINFO (701)
- Bug Fix 552195: Fixed status bar state changes to 'Performing Automatic login' even when automatic login is not being performed
- Bug Fix 556163: Fixed object mapping for LDMEINFO (711)
- Bug Fix 556165: Fixed object mapping for SavingBonds for LDMEINFO (711)
- Bug Fix 556166: Fixed object mapping for BondDetails for LDMEINFO (711)
- Bug Fix 556168: Fixed mappings for missing controls in LDMEINFO (711)
- Bug Fix 556183: Fixed mappings for ExchangeRates for LDMEINFO (711)
- Bug Fix 556145: Fixed object mapping and add mappings for missing controls in RCMPORC (711)
- Bug Fix 556167: Fixed mappings for EmployeeCountryStatus for LDMEINFO (711)
- Bug Fix 556140: Fixed object mapping for RCMPORC (701)
- Feature 556188: Removed the OS recorder app in the zip file
- Bug Fix 552782: Added mappings for HeaderSOW, LineSOW, Resources, and VendorEmployee subtasks in PPMRQAPX (711)
- Bug Fix 552786: Added mappings for ProjSubParts, SecurityRequirementsTab and other missing controls in PPMRQAPX (711)
- Bug Fix 552787: Fixed object mapping for PPMRQAPX (711)
- Bug Fix 552791: Fixed object mapping for PPMRQAPX (701)
- Bug Fix 553060: Fixed object mapping for PPMNTRQ2 (711)
- Bug Fix 553062: Added mappings for HeaderSOW, LineSOW, Resources, and VendorEmployee subtasks in PPMNTRQ2 (711)
- Bug Fix 553063: Added mappings for missing controls in PPMNTRQ2 (711)
- Bug Fix 553074: Fixed object mapping for PPMNTRQ2 (701)
- Bug Fix 553287: Fixed object mapping for POMMAIN (711)
- Bug Fix 553288: Added mappings for HeaderSOW, LineSOW, Resources, and VendorEmployee subtasks in POMMAIN (711)
- Bug Fix 553289: Added mappings for ManufacturerVendorInformation and SecurityRequirementsTab controls in POMMAIN(711)
- Bug Fix 553290: Added mappings for missing controls in POMMAIN(711)
- Bug Fix 553323: Added mappings for ManufacturerVendorInformation, AssignPO\_Resources and SecurityRequirementsTab controls in PPMNTRQ2 (711)
- Bug Fix 553509: Fixed loading percentage in Loading dialog exceeding 100%

- Bug Fix 553987: Fixed object mapping for POMMAIN (701)
- Bug Fix 554363: Fixed when clicking 'Record' and opting to playback test, nothing happens
- Bug Fix 551637: Fixed object mapping for BMMMBOM2 (711)
- Bug Fix 551972: Fixed object mapping for PDMPART (711)
- Bug Fix 551974: Added missing mappings for Licenses/Agreement subtask PDMPART (711)
- Bug Fix 551981: Added missing mappings for Export Control and Security Group subtasks PDMPART (711)
- Bug Fix 551983: Added missing mappings for missing controls in PDMPART (711)
- Bug Fix 552230: Fixed object mapping for PPMNTRQ1 (711)
- Bug Fix 552238: Added missing mappings for ProjSubParts and VendorEmployee subtasks in PPMNTRQ1 (711)
- Bug Fix 552240: Added missing mappings for HeaderSOW and LineSOW subtasks in PPMNTRQ1 (711)
- Bug Fix 552241: Added missing mappings for Resources and LinkSCISAPSecurityCodes subtasks in PPMNTRQ1 (711)
- Bug Fix 552242: Added missing mappings for SecurityRequirements subtasks in PPMNTRQ1 (711)
- Bug Fix 552243: Added missing mappings for missing controls in PPMNTRQ1 (711)
- Bug Fix 552536: Fixed WaitProcessProgressFinished failing when running test on Scheduler
- Bug Fix 552545: Fixed When importing a test, prompt to overwrite should come after Open File dialog, not before
- Bug Fix 552549: Fixed not uniform dialog when test grid has existing steps and Record is clicked
- Bug Fix 552560: Fixed email report error links not working if BrowserFramework share name already exists
- Bug Fix 551997: Fixed object mapping for PPMNTRQ1 (701)
- Bug Fix 552193: Fixed state of Environment dropdown not mirroring enabled state of Record button
- Bug Fix 552204: Fixed After stopping recording and saving test, clicking 'Record' will present user the option to save again and run
- Bug Fix 552213: Fixed Test capture asking to play imported file, even if user did not import test
- Bug Fix 551693: Fixed object mapping for PDMPART (701)
- Bug Fix 551597: Fixed object mapping for BMMMBOM2 (701)
- Bug Fix 550123: Fixed when environment info does not exist, test in a suite will not run and scheduler will crash
- Bug Fix 550125: Fixed Url gets appended with 'www' instead of 'http' resulting to failed test
- Bug Fix 550141: Fixed Suites with test results with file names exceeding 250 characters not sending email notification
- Bug Fix 550188: FixedTest suite results does not load when 1 of the tests in the suite failed to generate a log file
- Bug Fix 550494: Fixed slow performance resulting to error in some Virtual Machines
- Bug Fix 550552: Fixed test queue with results do not clear when Run is clicked in some Virtual Machines
- Bug Fix 548922: Fixed behavior of test capture to clear step grid before starting from scratch when user opts to not playback existing steps
- Bug Fix 548933: Fixed PDMPART Standard Text Select button not being caught by capture tool

- Bug Fix 548923: Fixed options messages when asking to playback existing test steps in grid
- Bug Fix 548565: Fixed browser list including remote and mobile not changing when switching target application within Setting form
- Bug Fix 547963: Fixed application dropdown showing a blank list and hangs in the startup
- Bug Fix 548542: Fixed wrong reported passed/failed tests in summary (Internal build)
- Bug Fix 543072: Fixed object mapping of PDMPART for Part Security
- Bug Fix 543275: Fixed wrong executed steps reported in summary report (Internal build)
- Bug Fix 543274: Fixed wrong error link published in summary report (Internal build)
- Bug Fix 544593: Fixed execution report not being generated due to out of system memory exception
- Bug Fix 543073: Fixed stopping of capture even in 'Paused' state
- Bug Fix 543279: Fixed performance slowdown for Test Capture 2.2.4
- Bug Fix 544843: Fixed PDMPART Lead Time subtask # of days = Unknown
- Bug Fix 544802: Fixed Test Capture left in 'Paused' state for a long period of time, spawning another browser instead of record resuming when Record is clicked
- Bug Fix 541185: Fixed overflow buttons visible when toolbars are not visible on initial launch
- Bug Fix 543046: Fixed error image not loaded in Error tab
- Feature 544801: Changed Test Capture 'Record' button label to 'Resume' when coming from 'Paused' state
- Feature 538197: Added copy and paste feature of Data View grid rows
- Feature 495429: Updated Appium c# bindings to latest version to get new features/bugfixes (Internal build)
- Feature 544808: Include Machine name in Email notification report
- Feature 543277: Changed Save Test/Suite dialog boxes with 3 buttons into forms with radio button options (Internal Build)
- Feature 531354: Added feature to support import of data files in .xls and .xlsx format
- Feature 549011: Changed SetTableCellValue keyword to be no longer available for Lookup table
- Feature 543278: Added automatic login to application using any of stored environments when starting test capture
- Feature 543079: Added playback option everytime 'Record' button in Test Capture is clicked and step grid is not empty
- Feature 544810: Re-added Test Capture 'Clear' button
- Feature 530008: Added 'Info' box in Test Editor
- Feature 540335: Changed Test Explorer Panel to be resizable
- Feature 531356: Added tab control container to contain Test Queue
- Feature 543047: Added test suite 'Description' field
- Feature 544805: Added 'What's New' window at initial launch
- Feature 542557: Added target application version selection feature
- Feature 542533: Added source control integration support user interface
- Feature 536362: Added instant updating of test execution results in test queue
- Feature 539647: Modified multiple row copy paste feature to select pasted row after paste operation
- Feature 544833: Next/Previous form buttons now supported in Test Capture

- Feature 540344: Test Capture 'Record' button updated
- Feature 531355: Test Setup messages now available in execution results
- Feature 484843: Selenium webdriver libraries updated to latest version v2.47

#### v2.2.4

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- Bug fix 541703: Fixed wrong distribution of columns on data export
- Bug fix 541649: Fixed WaitForProcessFinished keyword
- Bug fix 536600: Fixed issue with import of CSV file
- Bug fix 536595: Fixed issue with data export when filename is the same name as the test script name
- Bug fix 536597: Fixed issue with wrong Data values exported
- Bug fix 541700: Fixed GetTableWithMultipleColumnValue keyword
- Bug fix 537068: Fixed issue with Test Capture not correctly exporting
- Bug fix 469782: Fixed newly queued test to an existing suite file not being run
- Bug fix 542399: Fixed scheduled tests failing to send notification email
- Bug fix 536592: Fixed SetTableCellValue keyword for table combobox
- Bug fix 541955: Fixed Test Execution Parameters dialog in Test Capture does not display after Test Playback prompt if user did not click on any radio button
- Bug fix 541965: Fixed missing Import icon in Test Capture
- Bug fix 539597: Fixed Download keyword
- Bug fix 541750: Fixed duplicate control in CP7Main screen
- Bug fix 541941: Fixed Test Explorer not refreshing after saving if Test Explorer is empty before saving
- Bug fix 531353: Fixed Test Runner running on multiple instances
- Bug fix 532181: Fixed Test Name and Description in a suite not changing in test queue when test is edited and saved
- Bug fix 536606: Fixed VerifyTableCellValue not working when value is blank
- Feature 536369: Added Costpoint 7.0.1 Test Runner support
- Feature 535995: Added menu pulldowns for every form
- Feature 533690: Added selection/re-order of multiple rows in Keyword View grid
- Feature 531557: Adjusted column widths of Ad-hoc run results window
- Feature 538045: Added support for Find & Replace screen
- Feature 530009: Separated Mobile settings tab from Remote Browsers tab (Internal)
- Feature 536778: Added Test Capture Import feature
- Feature 539494: Added Test Capture support for Costpoint Lookup screen
- Feature 536360: Added Test Capture Table support
- Feature 535805: Added color-coding for output variables (O{ }) in Test Editor
- Feature 532182: Added left padding to column headers in Test Editor
- Feature 534525: Added keyboard shortcut for 'Update' in Test Editor
- Feature 528929: Added specific error messages for data import/export errors
- Feature 541209: Added indicator of version in Main Window and About form (External)
- Feature 535806: Added feature to copy browser selection of a test from preceding test if preceding has 'Keep Open' checked
- Feature 539684: Masked password field in the Setting form

#### v2.2.3

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- Bug fix 532184: Fixed wrong button states of Test Runner when Clear button is clicked
- Bug fix 529142: Fixed unresponsive 'Save A's and 'Check-In' (internal build)
- Bug fix 529148: Getting latest files by Scheduler now gets current product tests instead of tests for all products
- Bug fix 532128: Fixed renaming of data view grid columns
- Bug fix 532183: Fixed wrong UI state of in Add Suite dialog in Scheduler
- Bug fix 530006: Fixed some buttons, like Logout, not being captured by Test Capture
- Bug fix 530007: Fixed response of Test Capture to unexpected alerts/dialogs
- Bug fix 531352: Fixed application closing when New is clicked repeatedly
- Bug fix 533949: Fixed unresponsive File~Close in Test Capture
- Bug fix 535740: Fixed step pasting behavior in Test Editor
- Feature 503073: Added Copy-Paste of steps in Test Editor
- Feature 530011: Added application splash screen to load application resources
- Feature 478355: Added context menu in dataview grid listing all available row commands
- Feature 488984: Modified user messages and dialog boxes
- Feature 484408: Added registry updating to Test Runner startup instead of external tool
- Feature 489202: Added row/column insert in dataview grid
- Feature 530013: Added row/column re-order in data view grid
- Feature 532180: Resized url field in Settings form
- Feature 533320: Added Keep Open field in Test Runner to allow suite not to close browser after every test execution

#### v2.2.2

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- Bug fix 503233: Fixed wrong path of queued test when inside two sub-folders and filter tool was used
- Bug fix 528417: Fixed email information not saved when same suite scheduled on an earlier date in scheduler
- Bug fix 503659: Fixed immediate execution of queued suite if day is today and preceding suite already executed
- Bug fix 524585: Fixed Test explorer not loading if a single test has malformed XML
- Bug fix 524584: Fixed external build features displaying on internal build
- Bug fix 496077: Fixed scheduler not recognizing updates made to schedules
- Feature 524069: Added DateFormat function
- Feature 524589: Added feature to not check-in environment file when source control is enabled (Internal build)
- Feature 526384: Modified schedule manifest file schema
- Feature 528165: Modified all environment dropdownlists into comboboxes, to enable quick searching. List items are now loaded sorted as well
- Feature 525588: Modified schedule UI code for optimization and porting to new schema
- Feature 520650: Added option to expand/collapse tests in test explorer, and make the last known setting persistent
- Feature 524589: Added delete step in Test Capture

#### v2.2.1

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- Feature 501634: Added Test Capture functionality (script recording)

## v2.1.8

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- Bug fix 502321: Fixed Browser tab getting disabled upon add/edit of new Environment item in Environment tab
- Bug fix 502036: Fixed check-in error in Settings form while an existing check-in operation is in progress (Internal build)
- Bug fix 502038: Fixed Save and Save As exception on Test Editor when data view is not properly populated
- Bug fix 498927: Fixed behavior of fetching browsers that show up in Settings form
- Feature 487215: Added error link in execution report notification email
- Feature 489731: Added Feedback and Error reporting feature
- Feature 484414: Added Logs details filter under Preferences tab in Settings form
- Feature 484410: Added multi-select in Test Editor keyword view grid to allow update of Exceute information for multiple steps

## v2.1.7

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- Bug fix 486565: Fixed object store loading exception on initial Test Editor launch
- Bug fix 499209: Fixed un-cleared logs on click of 'Clear Results'
- Bug fix 475772: Fixed handling of values with comma for Import/Export of CSV files
- Bug fix 487909: Fixed invalid 'Not run' test status after test execution
- Bug fix 485727: Fixed un-updated test instance in Test Explorer UI, when rows are deleted form Data View grid in Test Editor
- Bug fix 488208: Fixed cleared logs in Test Runner window when a new test is executed in Test Editor window (ad-hoc run)
- Bug fix 486621: Fixed '+' add buttons not showing on Test Scheduler when there is no existing test suites in machine
- Feature 484405: Added message prompt to preserve changes before allowing user to perform Ad-hoc run
- Feature 484412: Added feature to allow CTRL+C/CTRL+V on dataview grid cells without going to edit mode
- Feature 484411: Added feature to allow Data View grid with no rows (test instance)
- Feature 489450: Browsers dropdown now only display available browsers.
- Feature 484409: In Test Editor, on add of new step focus will be on 'Screen' field
- Feature 487878: Added validation of installed browsers. New tab in Settings form added to show installed browsers
- Feature 484406: Added error dialog when invalid update is performed in Test Editor
- Feature 486606: Change notation of getting variable values from %% to O{}

## v2.1.6

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- Bug fix 484400: Fixed display of test logs after test suite execution
- Bug fix 484404: Fixed instability issues when cancelling test and test suite executions
- Bug fix 484981: Fixed text visibility of fields in Settings
- Bug fix 485429: Fixed About form copyright information

- Bug fix 485468: Fixed checking-in of TRD files (Internal build)
- Feature 484401: Added common Functions
- Feature 484402: Added import feature of test and test suites
- Feature 484403: Added Selenium WebDriver version information in About
- Feature 484832: Added new Function 'TurnOffTestSteps' that allows turning off of test steps per test/test iteration
- Feature 484833: Added 'LogComment' Function to allow user to embed comments on Tests
- Feature 484980: UI fixes for Open/Save Test Suite and Open/Save Test forms

#### v2.1.5

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- Bug fix 479166: Fixed incomplete items in Control dropdown in Test Editor
- Bug fix 477658: Fixed display of Test Editor on click of New and Edit buttons in Test Runner
- Bug fix 478319: Fixed dialog message and title when removing schedule in Scheduler
- Bug fix 478356: Fixed key press support for control searching in Test Editor
- Bug fix 478583: Fixed empty Keyword dropdown when control field is blank
- Bug fix 478957: Fixed orphaned TestRunner.exe process on application shutdown
- Bug fix 480680: Fixed Test Runner crash when editing multiple instance test
- Bug fix 482611: Fixed Test Editor crash when quickly selecting cells in keyword grid or scrolling quickly thru the grid

#### v2.1.4

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- Bug fix 474349: Fixed blank parameter field on initial load of Test Editor
- Bug fix 471633: Fixed slow performance of test results loading and scrolling
- Bug fix 478315: Fixed Test Runner crash on test suite execution
- Bug fix 482610: Fixed insert step in Test Editor
- Feature 476230: Added tap event for Android elements
- Feature 469784: Added control search in Test Editor
- Feature 471637: Added browser and login configuration to results log
- Feature 469785: Added selection of multiple tests in Test Explorer pane via Ctrl+Click

#### v2.1.3

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- Bug fix 473048: Fixed slow loading of Test Editor due to object store files
- Bug fix 474347: Fixed update of Step Delay field in Test Editor
- Bug fix 475447: Fixed disappearing Add buttons when switching hosts in Scheduler
- Bug fix 475448: Fixed minor UI issues with Scheduler
- Bug fix 475464: Fixed missing email settings in Scheduler
- Bug fix 472991: Fixed prompt to save when exiting Test Editor
- Bug fix 471647: Fixed cleanup of IE and Chrome drivers on test teardown
- Bug fix 474500: Fixed Function keywords not displayed in Test Editor
- Bug fix 474035: Fixed tests not executing when scheduled in a queue in Scheduler
- Feature 471638: Added user comments on checkin (Internal build)
- Feature 471641: Added tool to automate settings for IE protection mode and zoom
- Feature 473421: Added support for iOS automation
- Feature 475446: Added prompt to save on close for Scheduler

- Feature 472992: Added cell styles in Keyword grid when using D{}
- Feature 469791: Scheduler UI overhaul
- Feature 469792: Added searching of suites in Scheduler
- Feature 471636: Added logging to file when error is encountered
- Feature 471643: Added Data View for user-defined data

#### v2.1.2

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- Bug fix 469781: Fixed cancelation of test execution
- Bug fix 469783: Fixed queueing of tests by folders and subfolders
- Bug fix 470043: Fixed compilation warning on invalid XAML code for tooltips
- Bug fix 471328: Fixed skipped steps not labeled as 'Not Run'
- Bug fix 471634: Fixed logs not displayed on some failed tests in a suite
- Feature 467585: Added support for mobile automation via Appium
- Feature 471679: Added support for Android 5 (Lollipop)
- Feature 469786: Added searching/filtering of tests in Test Explorer
- Feature 469790: Added clickable links for screenshot path in logs

#### v2.1.1

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- Bug fix 468734: Fixed Scheduler crash on offline node selection
- Bug fix 468735: Fixed name and description field not saved in Test Editor
- Bug fix 468736: Fixed opening screenshot file if path has spaces
- Bug fix 468737: Fixed updating of execution date after test execution
- Bug fix 468738: Fixed button icons in Settings form
- Bug fix 468739: Fixed Test Editor crash when switching between Keyword View and Data View
- Feature 467586: Scheduler UI enhancements
- Feature 467587: Test Editor UI enhancements
- Feature 467583: Added source control (Internal build)
- Feature 467584: Added test suite name to the subject of notification email

#### v2.1.0

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- Bug fix 449027: Test Runner UI fixes
- Bug fix 449099: Fixed logs reporting after test execution
- Bug fix 445711: Fixed Object Store recorder freezing
- Bug fix 456643: Fixed sizes of columns in test queue
- Bug fix 458477: Fixed scaling of columns in Test Editor
- Bug fix 458577: Fixed scheduler errors when sending large UDP data over network
- Bug fix 459444: Fixed Parameter field to accept Return character
- Bug fix 462863: Fixed scrolling into view of new test steps
- Feature 456160: Added resizing of Test Runner
- Feature 458304: Added resizing of Test Editor
- Feature 453407: Added reporting charts
- Feature 451719: Added support for screen keywords
- Feature 449221: Updated styling of test queue grid
- Feature 445463: Added Scheduler
- Feature 448966: Upgraded Selenium to 2.43

v2.0.0

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- Bug fix 438165: Test Runner UI fixes
- Feature 437097: Added Object Store recorder
- Feature 434175: Added Save/Load Suite dialog
- Feature 437747: Added Test Editor
- Feature 434169: Updated directory framework
- Feature 432330: New source branch for version 2.0.0