

# WranglerView 6.6 Complete Release Notes

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## 6.6-4c FEATURES AND FIXES

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WranglerView 6.6-4c contains an optimization that delays the loading of the job logs when a job is selected unless the stdout/stderr log pane is showing. This allows the user to scroll through the job listing much quicker, and only when the log's panel is displayed in the right-hand pane are the job's logs loaded.

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### Fixes

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==== CL 14470 ====

@FIX: VRED submission fails if there is a space in the Render Directory

==== CL 14469 ====

@FIX: backport "delayed log loading" optimization from 6.7-1c to 6.6-4

==== CL 14465 ====

@FIX: qbCache.py:1751 - "TypeError: 'int' object is unsubscriptable" when displaying stdout log panel for running job when selected frame has just started

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## 6.6-4b FEATURES AND FIXES

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WranglerView 6.6-4b contains an optimization uncovered by Andy Jones and Alon Gibli of PSYOP Los Angeles which affects performance when the log sections for individual frames get very large.

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### Fixes

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@FIX: integrate all post-1a-release performance tweaks found in 6.7 back into 6.6

\* CL 14436 - @FIX: another performance improvement, tweak regex that trims the end of the per-frame logs

\* CL 14450 - @FIX: don't make the "got work" regex greedy, it can cause a log application hang where the per-frame log data is very long; the time spent in the hang is actually invisible to the python profiler

\* CL 14451 - @FIX: apply regex tweak to the section that trims text after "requesting work". Will benefit logs with very long per-frame sections.

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## 6.6-4a FEATURES AND FIXES

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### New features

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==== CL 14400 ====

@NEW: add ability to show/hide "Resource Summary" tab by user preference

@NEW: "Resource Summary" hidden by default

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### Fixes

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==== CL 14414 ====

@FIX: severe performance impact to WV when loading logs for jobs with longer agendas (500+ frames), regardless of length of the actual logs

==== CL 14411 ====

@FIX: Frames and Chunks columns sort as strings, not integer values: 1, 10, 2, 203, 9...

==== CL 14184 ====

@FIX: use version-agnostic URL to on-line qube documentation, reflects moving the docs to the QUBE space in confluence

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Changes in behavior  
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==== CL 14392 ====

@CHANGE: don't evaluate up- or downstream dependencies if the "dependency graph" is hidden by user preferences

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## 6.6-4 FEATURES AND FIXES

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New features  
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==== CL 14013 ====

@NEW: add ability to hide 'Running Instances' tab, suppresses the fetching of job detail data for all running jobs.

==== CL 13739 ====

@NEW: Maxwell 3 compatibility

==== CL 13641 ====

@NEW: Add support for custom frame ranges in AfterEffect renderQueue items "render settings"

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Fixes  
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==== CL 14090 ====

@FIX: don't wrap empty paths in QB\_CONVERT\_PATH

==== CL 14086 ====

@FIX: supplying an outputPath but no renderQueueIndex or compName results in '-output' with no path in the job's command-line

==== CL 14062 ====

@FIX: frame logs when run more than once on multiple instances are not sorted chronologically, but by instance ID, sometimes resulting in out-of-order per-frame log data in WranglerView

==== CL 14059 ====

@FIX: "AttributeError: 'NoneType' object has no attribute 'count'" message when submitting an AfterEffects from outside of AE and not specifying the outputPath

==== CL 14054 ====

@FIX: ZeroDivisionError when a global resource is defined with a total of 0 resources

==== CL 14019 ====

@FIX: additional performance optimization relating to job and host filter widgets, avoid getting distinct values for widgets not shown

==== CL 13803 ====

@FIX: submission UI should use supervisor\_default\_hostorder if set, not hard-coded value

==== CL 13710 ====

@FIX: 'Kill' option greyed out for a job in the 'waiting' state

==== CL 13688 ====

@FIX: Fix issue on support for OSX 10.10 where WV would not start if /etc/hostconfig was missing.

==== CL 13686 ====

@FIX: is supervisor\_max\_cpus\_limit == -1, the WV max\_cpus field can't be set to anything other than -1

==== CL 13684 ====

@FIX: memory reservation widget upper limit was 10G, new limit is 512G

==== CL 13661 ====

@FIX: editing some supervisor\_\* parameters triggering a supervisor restart when a reread would be sufficient

==== CL 13641 ====  
@FIX: custom frame ranges in AfterEffects being ignored in favour of comp work area range

==== CL 13535 ====  
@FIX: retrywork\_delay missing from job modification dialog

==== CL 13530 ====  
@FIX: AE CC 2014.2 - to avoid float frame numbers (e.g., 134.00003456789)  
truncate (round down) start- and end-frame values. This seems to match AE's  
internal behavior with aerender.

==== CL 13499 ====  
@FIX: don't render C4D multi-pass output if 'Multi-Pass' is not enabled in the render settings

==== CL 13408 ====  
@FIX: don't automatically set the job's requirements if using a 'kind' value

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Changes in behavior  
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==== CL 14062 ====  
@CHANGE: print a delineating space between successive runs of an agenda item  
when viewer per-frame logs, helps to see where it restarts

==== CL 13715 ====  
@CHANGE: add VRED scene name to the job name when the scene file is selected

==== CL 13686 ====  
@CHANGE: default max\_instances to the lesser of either  
supervisor\_max\_cpus\_limit or 200 (default to 200 if no upper limit defined in  
the supervisor

==== CL 13641 ====  
@CHANGE: a different approach for determining start and end frames using  
AfterEffects "timeToCurrentFormat()" function

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## 6.6-3 FEATURES AND FIXES

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New features  
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==== CL 13300 ====  
@NEW: add support for VRED In-App submission

==== CL 13263 ====  
@NEW: add support for a pyCmdrange-based VRED job

==== CL 13068 ====  
@NEW: Add SketchUp batch-render integration as an AppFinder job

==== CL 13323 ====  
@NEW: add ability for user to add up to 3 attribute-specific searchFilter  
widgets to job and worker views

==== CL 13325 ====  
@NEW: expose the "SimpleCmd Additional Paths" as both a command-line argument and an environment variable  
\* QUBEGUI\_SIMPLECMD\_PATHS environment variable can contain multiple paths, separated with the OS-normal path separator  
\* WV command-line argument "--simplecmdpath <dir>" can be supplied multiple times  
\* use of --simplecmdpath will override the QUBEGUI\_SIMPLECMD\_PATHS environment variable  
\* directories specified in the WV's user preference "Additional SimpleCmd Additional Paths" are preserved, but searched last

==== CL 13257 ====  
@NEW: convert all C4D in-app submissions to using the new "--submitPkl"  
approach, avoid quoting issues encountered with "--submitDict"

==== CL 13287 ====

@NEW: when using the --submitPkl option, the pickle file is deleted after it's loaded unless the --debug flag is also used

==== CL 13282 ====

@NEW: path conversion applied during 'execute in local shell'

@NEW: 'execute in local shell' supported in pyCmdline and pyCmdrange jobtypes

==== CL 13278 ====

@NEW: instruct supervisor to re-read qb.conf for parameters that support re-read instead of a restart

==== CL 13065 ====

@NEW: add a FloatRangeValidator class

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Fixes

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==== CL 13408 ====

@FIX: don't automatically set the job's requirements if using a 'kind' value

==== CL 13403 ====

@FIX: VRED job defaults (notably VRED\_executable) not being passed through to submission UI launched by web browser

==== CL 13399 ====

@FIX: VRED in-app submission UI intermittently not opening on Windows, ensure that the job pickle file is always written in ASCII format

==== CL 13393 ====

@FIX: use the job defaults if defined instead of the local AfterEffects version when submitting from inside AE

==== CL 13360 ====

@FIX: support 'use all cores' for Maya LoadOnce mentalray renders

==== CL 13344 ====

@FIX: mentalray for maya 2012 and later only supports 4 slaves

==== CL 13333 ====

@FIX: job tag fields always show "unknown" in MetaJob view (pgrp list)

==== CL 13329 ====

@FIX: SketchUp submission job name field not populated when submitted from inside SketchUp

@FIX: filename of the rendered image is malformed when no '#' are used for padding in the image\_basename, ended up with double-periods "..", image path was incorrect as well in WV's outputPath, preventing preview of the rendered image.

@FIX: 'render directory' browser now opens in the same directory as the .skp model file.

==== CL 13327 ====

@FIX: remove trailing space from WV's view of rendered image name

==== CL 13317 ====

@FIX: Error: in calculateStatus - ValueError: list.index(x): x not in list

==== CL 13310 ====

@FIX: duplicate menu module in simpleCmd additionalPaths directory results in duplicate menu items rather than overriding the stock ones

==== CL 13291 ====

@FIX: for some jobs, the modify dialog shows -1 for 'Frame Timeout' when it's actually set

==== CL 13282 ====

@FIX: 'execute in local shell' fails due to paths wrapped in QB\_CONVERT\_PATH()

==== CL 13280 ====

@FIX: display WV command-line options in a scrolled message dialog

==== CL 13273 ====

@FIX: select the non-interpreted path to WV on OS X

@FIX: set the qube\_menu file to read-write after copy is complete

==== CL 13269 ====

@FIX: printing "--help" message shouldn't entail try to contact the supervisor

@COSMETIC: fix typo in help message for --serverthreads argument

==== CL 13071 ====

@FIX: per-frame logs contain sections for all frames, not just the selected frame. Bug introduced in 6.6-2 release

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Changes in behavior

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==== CL 13360 ====

@CHANGE: expose 'use all cores' widget in maya submission UI

==== CL 13344 ====

@CHANGE: selecting mentalray DBR sets upper limit on job.cpus, sets instance count to max.

==== CL 13338 ====

@CHANGE: hide generic 'specific thread count' controls when supervisor is running Designer licenses

==== CL 13278 ====

@CHANGE: only restart a service if a changed configuration parameter affects it, don't restart unnecessarily

==== CL 13065 ====

@CHANGE: IntRangeValidator "max" value is now optional

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6.6-2a FEATURES AND FIXES  
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Fixes

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==== CL 13071 ====

@FIX: per-frame logs contain sections for all frames, not just the selected frame. Bug introduced in 6.6-2 release

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6.6-2 FEATURES AND FIXES  
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New features

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==== CL 12909 ====

@NEW: expose database\_\* parameters in configuration dialog

==== CL 12991 ====

@COSMETIC: add supervisor version and license type (Designer/Unlimited) to WranglerView title bar

==== CL 13025 ====

@COSMETIC: add license\_type information ("Unlimited", "Designer") to 'About' and 'Ping Supervisor' dialogs

==== CL 13028 ====

@NEW: add per-hostgroup charting to PerformanceCharts->Farm Utilization

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Fixes

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==== CL 13011 ====

@FIX: modifying a pre-6.6 job in 6.6 WranglerView with 'Query SQL' enabled in the prefs results in "ValueError: invalid literal for int() with base 10: 'None'"

==== CL 12981 ====

@FIX: pass '-verbose 5' to the mayabatch mentalray command-line, despite it

being the default value (always use this value, default values are normally not passed on)

==== CL 12969 ====

@FIX: job instance imelines do not stop tracking when the job ends

==== CL 12953 ====

@FIX: Include libraries for MSVC2010 against which the included qb module is compiled - this should resolve an issue launching WranglerView on some versions of Windows.

==== CL 12911 ====

@FIX: "ImportError: No module named modo": modo AppUI directory missing from Windows build

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Changes in behavior

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==== CL 12977 ====

@CHANGE: context menus are disabled when [default] is selected in user permissions view

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## 6.6-1a FEATURES AND FIXES

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The 6.6-1a patch was only released on Windows to address an issue that prevented WranglerView from starting on Windows Server 2008, Windows Server 2012, and a few cases on Windows 7 Professional.

The issue was related to the building of the WranglerView executable for release and not code internal to WranglerView itself.

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New features

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==== CL 12909 ====

@NEW: expose database\_\* parameters in configuration dialog

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Fixes

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==== CL 12911 ====

@FIX: "ImportError: No module named modo": modo AppUI directory missing from Windows build

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## 6.6-1 FEATURES AND FIXES

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Fixes

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==== CL 12828 ====

@FIX: reservations 'Browse' button does nothing when no global resources are defined

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Changes in behavior

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==== CL 12824 ====

@COSMETIC: worker\_path\_map and worker\_drive\_map values are printed as a list of key/value pairs instead of a long string

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## 6.6-0 FEATURES AND FIXES

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New features

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==== CL 12729 ====

@NEW: add smartShare parameters to Supervisor config dialog

==== CL 12771 ====

@NEW: add support for Adobe's CC <year> naming scheme, eg. "CC 2014"

==== CL 12592 ====

@NEW: add support for Autodesk 2015 - Maya

@NEW: includes submission interface for new 'maya hardware renderer 2' for rendering bifrost simulations

@NEW: includes new options for the mentalray renderer

==== CL 12591 ====

@NEW: add support for Autodesk 2015 - 3dsMax

==== CL 12590 ====

@NEW: add support for Autodesk 2015 - XSI

==== CL 12575 ====

@NEW: Add job context menu item for copying ID's of selected jobs to the clipboard

==== CL 12571 ====

@NEW: supervisor and worker stop/start/enable/disable menu items only enabled for root user on linux

==== CL 12558 ====

@NEW: scheduled locking can optionally purge jobs when locking

@NEW: Windows watchdog locking can optionally purge jobs when locking

@NEW: Windows watchdog locking timeout value can be user-defined

==== CL 12569 ====

@NEW: Support for Ubuntu

==== CL 12564 ====

@NEW: add render thread control group to Nuke LoadOnce submission UI

==== CL 12605 ====

@NEW: add additional messages to regex\_errors for nuke cmdline and loadOnce jobs

==== CL 12483 ====

@NEW: add 'ip address' column to instance list in job view

==== CL 12430 ====

@NEW: expose 'shove' operation in job context menu, only enabled if user has Qube admin privilege

==== CL 12310 ====

@NEW: add support for new 'exiting' status

==== CL 12271 ====

@NEW: add 'retrying' and 'failing' pseudo-states for running jobs that have either failed or running frames that have been automatically retried

==== CL 12213 ====

@NEW: expose frame/subjob timeout, retry, etc in modify dialog

==== CL 12145 ====

@NEW: add support for Arnold to maya BatchRender submissions, supports outputPaths

==== CL 12136 ====

@NEW: a jobtype for Modo which uses a "cmdrange-like" behavior, writes out a modo command-file for each agenda item and redirects that file into the modo\_cl executable. Support single-frame, chunking, and frame partitions

==== CL 12004 ====

@NEW: add support for remote worker commands (startup/shutdown/sleep/wake) via a customer's pre-existing IPMI framework

==== CL 12003 ====

@NEW: "Browse" buttons for reservations should show global options

==== CL 11995 ====

@NEW: Add db data integrity checks to WV->Admin menu, log progress and results to a floating window

==== CL 11966 ====

@NEW: add support for Arnold standalone rendering using SolidAngle's 'kick' utility

@NEW: show rendered output from Arnold renders in Maya

==== CL 11939 ====

@NEW:Add "block until <time>" field to simpleCmd

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#### Fixes

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==== CL 12458 ====

@FIX: regex\_\* fields missing from pyCmdline & pyCmdrange submission UI's.

==== CL 12531 ====

@FIX: speed up data aggregation for global resource charting, 900,000 record test was reduced from 4 minutes to 12 seconds.

==== CL 12533 ====

@FIX: speed up data warehouse queries for Running and Pending charts  
@CHANGE: print record counts for data warehouse queries in log pane.

==== CL 12534 ====

@FIX: AttributeError: 'GlobalResourceUsageQuery' object has no attribute 'dataPeriodTablesExists', occurs when a only a single resource is selected to be charted

==== CL 12562 ====

@FIX: OS choice control not visible in Nuke submission UI's execPathBuilder widget

==== CL 12564 ====

@FIX: nuke thread count should update when 'slots = threads' control is checked, not just when slot/thread count is changed

==== CL 12566 ====

@FIX: failure when backing up or creating a new version of a config file should raise an error dialog, rather than just print the error to the WV logPane.

==== CL 12571 ====

@FIX: support Ubuntu use of update-rc.d to control supervisor and worker daemons

==== CL 12676 ====

@FIX: "IndexError: list index out of range" during the parsing of a job log, crashes requestQueue

==== CL 12680 ====

@FIX: 'KeyError' when the job dependency graph is enabled and refreshing jobList with a job selected which has a dependent job which is no longer in Qube.

==== CL 12682 ====

@FIX: 'KeyError' when the job dependency graph is enabled and refreshing jobList with a job selected which has a dependent job which is no longer in Qube.

==== CL 12697 ====

@FIX: Qube Worker service erroneously detected as running on OS X due to Chrome having a process with "--type=worker" argument

@FIX: Qube Worker service can't start on OS X unless it's also set to auto-start

==== CL 12706 ====

@FIX: catch another case of "IndexError: list index out of range" during the parsing of a job log, crashes requestQueue

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#### Changes in behavior

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==== CL 12474 ====

@CHANGE: update pyNuke jobtype backend to use new pythonChild framework that runs on all 3 platforms  
@CHANGE: update pyNuke frontend, add 'thread count' and license expiry messages to regex\_highlights

==== CL 12507 ====

@CHANGE: set displayed length limit for both job and instance logs to 30MB  
ZD: 11075

==== CL 12543 ====

@CHANGE: All values for file and directory controls in submitted SimpleCmd jobs (cmdline, cmdrange, pyCmdline, pyCmdrange & all jobs with SimpleCmdType set in package) are now wrapped in QB\_CONVERT\_PATH()

==== CL 12539 ====



@CHANGE: upgrade WX version on Windows from 2.8.11.0 -> 2.9.5.0

==== CL 12558 ====

@CHANGE: "Scheduled locking" now locks all slots

@CHANGE: "Windows Watchdog locking" now locks all slots

==== CL 12651 ====

@CHANGE: mxi cleanup operation deletes all but the target (merged) .mxi, uses a (required) external script

==== CL 12652 ====

@CHANGE: if bit depth specified in Maxwell render job, pass this bit depth value to the mximerge job

==== CL 12703 ====

@CHANGE: remove all references to 'expand' job flag, job expansion is replaced by new smartShare feature

==== CL 12706 ====

@CHANGE: suppress printing of "Checking for uniqueness", move to debug logging level

==== CL 12729 ====

@CHANGE: removed deprecated supervisor\_flag "stub\_optimize" from the list of presented choices

@CHANGE: group supervisor config params in config dialog into functional groups; commonly-changed, smartShare, user limits, email, advanced (uncommon), etc

==== CL 12777 ====

@CHANGE: 'Clear Defaults' now saves the prefs to disk automatically, but doesn't reset or close the current submission UI

==== CL 12386 ====

@CHANGE: rename AfterEffects in-app menu item from 'Submit Job From File' to 'Submit From JobArchive' for clarity

==== CL 12195 ====

@CHANGE: On Windows, disable "Install/Update license" if not admin-equiv