Graphic Hub Release Notes

Version 3.6

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1 Graphic Hub 3.6.0 Release Notes

Release Date: 2021-12-10

These are the release notes for Graphic Hub version 3.6.0 and its components. This section describes the user-visible changes that have been made to the software since release 3.5.2. Since Graphic Hub and the set of components around it are all maintained and released together this release includes:

- Graphic Hub 3.6.0 with Graphic Hub Terminal 3.6.0 (*VizGraphicHub-x64-3.6.0.60000.msi*, *VizGraphicHubBundle-x64-3.6.0.60000.exe*)
- Graphic Hub REST 2.6.0 (*VizGHREST-x64-2.6.0.60000.msi*)
- Graphic Hub Deploy Agent 2.6.0 (*VizGHDeployAgent-x64-2.6.0.60000.msi*)
- Graphic Hub Manager 5.6.0 (*VizGHManager-x64-5.6.0.60000.msi*)
- Graphic Hub ImEx Agent 1.6.0 (*VizGHImexAgent-x64-1.6.0.60000.msi*)

1.1 New Features

1.1.1 Graphic Hub 3.6.0

- Pilot HTML template script storage support and introduction of Viz Pilot schema version 8.7.0 (VIZGH-7307).
  - Requires Graphic Hub REST 2.6.0 or newer to be used by clients.
  - See **Viz Pilot Database Management** in the Graphic Hub Administrator Guide for details on compatibility.

1.1.2 Graphic Hub REST 2.6.0

- Viz Pilot HTML template script storage support and introduction of API version v5 (VIZGH-7307). Requires Graphic Hub 3.6.0 or newer to be used by clients.
- Ability to configurable the allowed general-purpose version-flexible SSL/TLS methods allowed when enabling HTTPS (VIZGH-7137).
  - Added support for TLSv1.3, which allows to use any of SSLv3, TLSv1, TLSv1.1, TLSv1.2 and TLSv1.3. By default only TLSv1.2 and TLSv1.3 are enabled when HTTPS is configured.
  - Upgraded used OpenSSL version from 1.0.2 to 1.1.1k.
  - See **Web Server Configuration Settings** and **SSL in REST** in the Graphic Hub Administrator Guide for details.

1.1.3 Graphic Hub Manager 5.6.0

- Ability to export or copy search results for external use (VIZGH-7352).

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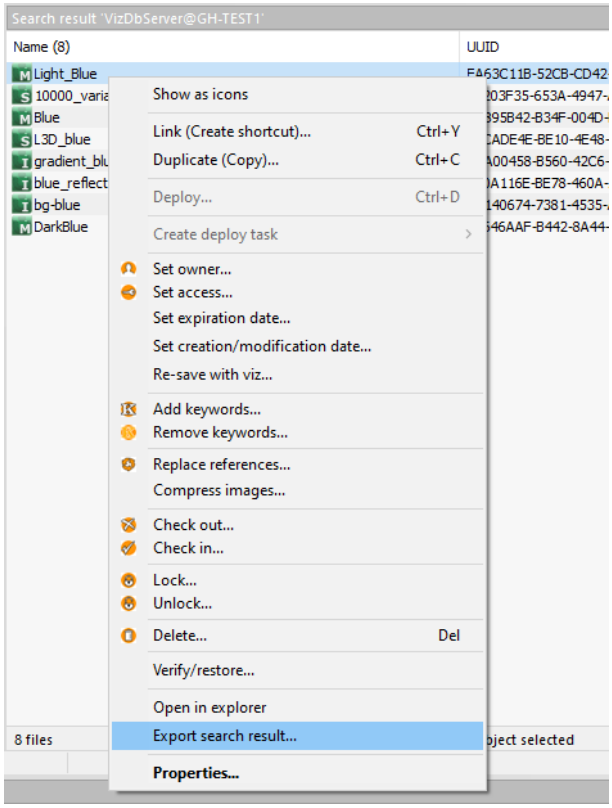
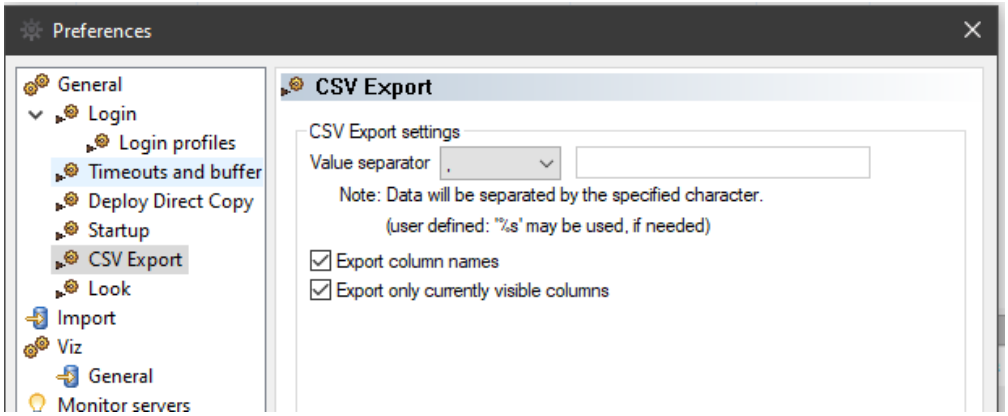
- Copy (**CTRL + C**) from explorer view (files and folder/projects) and search results (explorer and archive search) to the clipboard to be able to paste it to external applications (for example, Excel).
- CSV export of search result (explorer and archive search). Can be done by right clicking into search result view **Export search result...** and selecting the location where the .csv file should be written to.



- Configuration options of CSV export in **Tools > Edit Preferences... > CSV Export**.



  - Value separator (one of ".", ";", TAB or user defined).
  - Export with/without column-names.
  - Export of currently visible or all columns. Hidden and removed columns are not exported by default (can be enabled in configuration).

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- Ability to fix files with irregular fragment sizes in the server check. Files on the Graphic Hub are stored in fragments of 51.200 bytes each. Due to an issue in Viz Engine, there may exist files with very small fragments that can cause performance issues (VIZGH-7328).
    - It is recommended to upgrade to Graphic Hub 3.6.0 or later when fixing files with irregular fragment sizes.

1.2 Changes To Existing Features

Improvements/changes to existing features and changed behavior compared with previous versions.

1.2.1 Graphic Hub Manager 5.6.0

- The server check functionality was already able to find files with irregular fragment size and is now able to fix those.

1.3 Upcoming Changes

Legacy support for Sentinel Dongles will be removed in the next version. Licensing will be WIBU only.

1.4 Resolved Issues

Issues of previous versions that this version solves.

1.4.1 Graphic Hub 3.6.0

- Fixed incorrect log messages in the Graphic Hub log files when timeouts of client operations are detected (VIZGH-7342).

1.4.2 Graphic Hub Terminal 3.6.0

- Icons inside the Web-UI are missing when using Internet Explorer. Affects version 3.5.2 (VIZGH-7336).

1.4.3 Graphic Hub REST 2.6.0

- Fixed stability issues when Graphic Hub is used as Pilot data back end. Fixed a possible deadlock in transaction pool processing on shutdown or cleanup of incomplete transactions. Fixed risk to not fully roll back transactions (VIZGH-6934).

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1.4.4 Graphic Hub Deploy Agent 2.6.0

- **Important:** Fixed an issue where initialization of a real-time deploy task fails due to conflicts between the source and destination Graphic Hubs (VIZGH-7349). This issue affects Deploy Agent versions 2.4.2 to 2.5.2 and the problem observable is that the real-time deploy task fails with the error message: Task finished unexpectedly. Cannot calculate folder structure rebuild operations.

1.4.5 Graphic Hub Manager 5.6.0

- Do not stop processing while generating the image compression when errors occur (VIZGH-7363).
- In some cases deploy operations did not stop when they are canceled by the user (VIZGH-4391).
- Fixed an error reported during deployment when the user that is logged in to the destination Graphic Hub has insufficient permissions to create users (VIZGH-7237).
- Fixed an issue where the previous window layout was not restored properly and some views are not opened again (VIZGH-7289).
- Fixed an archive import issue where path-name is not created, if it is identified as root-item (VIZGH-7362).
- Fixed an issue in server check when using "Check sequence tables" where the sequence for templates was wrongly reported as broken when no templates were inserted yet (VIZGH-7402).

1.5 Known Limitations

Please refer to **Known Limitations, Problems and Workarounds** and **Frequently Asked Questions** the Graphic Hub Administrator Guide for a collection of topics. In the same section of the documentation a summary of troubleshooting topics can be found too.

This software requires a license for certain modes in order to operate. See **Licensing the Graphic Hub** in the Graphic Hub Administrator Guide for details.

1.6 Installation/Upgrade Special Considerations

The MSI installers require that you should close any running Graphic Hub programs and uninstall existing installations before you upgrade.

1.6.1 Hardware and Software Compatibility

For details on hardware, operating systems and browser requirements please refer to the **System Requirements** in the Graphic Hub Administrator Guide.

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For details on compatibility when the Graphic Hub is used as a Viz Pilot data back end, see **Viz Pilot Database Management** in the Graphic Hub Administrator Guide.

> **Note:** There may be different supported versions for other Vizrt products. Please refer to separate release notes of these program packages.
> **Viz Multiplay:** This version of Graphic Hub REST requires Viz Multiplay version 2.6.1 or 3.0, otherwise scene import for scenes without control model will not work.
> **Viz Pilot Edge:** This version of Graphic Hub REST is recommended for use with Viz Pilot Data Server 8.6 and Viz Pilot Edge 2.0 or newer.

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2 Documentation

Documentation for Graphic Hub is available at the Vizrt Documentation Center:

- Graphic Hub Administrator Guide

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3 Support

Contact Vizrt Austria directly at +43 5242 73225 or (preferred) email your request to support@vizrt.com. To be entitled for support including bug fixes and maintenance release versions you need to have a valid support contract (please contact your local distributor).

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