



Definiens

Definiens XD 2.4.2

Release Notes

Overview

Thank you for using Definiens software. With this document, you will receive an overview about the product and functionality added with this release. Should you have any comment or suggestions, please do not hesitate to contact us on our support website at www.definiens.com/support or via e-mail at support@definiens.com.

About Definiens XD

Definiens XD is a comprehensive image analysis platform for multi-dimensional image analysis. It contains all the client and server software needed to extract intelligence from any digital image in a fully automated or semi-automated way.

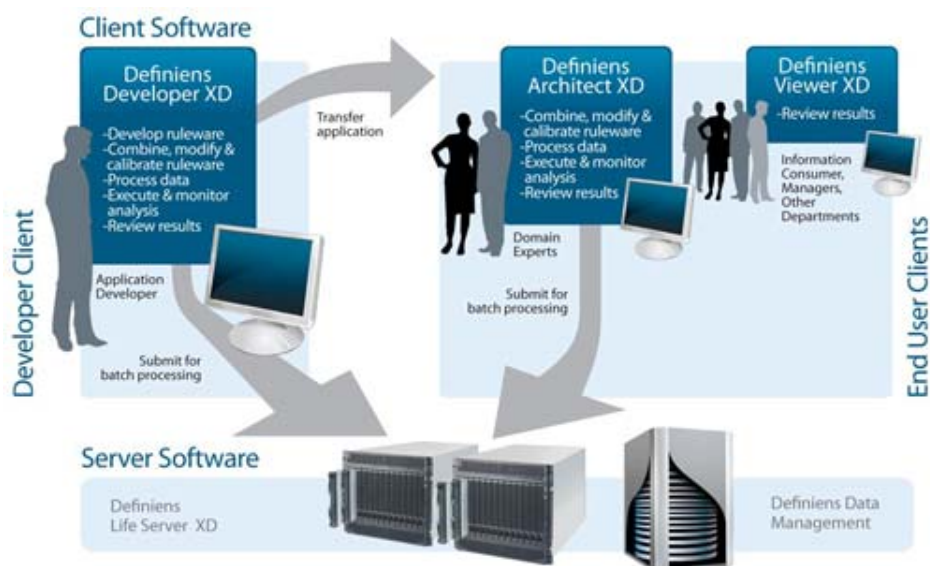


Figure 1: Definiens XD Overview

What's New

At Definiens, we constantly strive to improve our products. With this new release of Definiens XD, you will receive a range of fixes and enhancements designed to improve the overall usability and stability. Additionally, we have added a series of new features. You will find a short description of the most important additions below.

Faster data exchange using Definiens propriety format

In this new version, Developer XD offers improved possibilities to collaborate with colleagues in different locations. With the previous release of Developer XD, result data already could be exported from the system independently from the rule set. Now, it is additionally possible to import result data stored in the proprietary format of Definiens, DRC. This allows exchanging generated result data without the need to include the whole workspace or the original slide data.

Flexible scheduling of image analysis processing jobs

With this new software release, available resources for tissue image analysis can be utilized better and with improved flexibility. When scheduling a processing job, it is now possible to enter a priority and a maximum allowed usage of resources. The priority defines the scheduling order of processing jobs and can be specified to “Urgent”, “High”, “Normal”, or “Low”. The priority is evaluated whenever resources are free to schedule the next job. The maximum resource usage defines how much of all available resources may be used for a particular processing job. The value is defined in percent.

Upgrade of Previous Installations

For the upgrade of your installation please refer to our customer support.

Known Issues

Below you will find a list of the currently known issues for Developer XD 2.3.0 and possible solutions. In case of any questions please do not hesitate to contact customer support.

32431 – An error may occur when opening a multipage TIFF image

When loading a multipage TIFF image into the software and first using the “All Files” connector, an error message will appear and the file cannot be opened.

Solution: Confirm the error message and reload the multipage TIFF image. Instead of using the “All Files” connector, make sure to use the “Multipage TIFF” connector first.

32461 – Post-processing may fail for whole slide TMA workspaces

When performing post-processing on whole slide TMA's, the algorithm may fail.

Solution: When the error occurs, the post-processing will analyze the cores ignoring the existing results. Make sure to submit the individual cores for post-processing in order to apply a post-processing rule.

32463 – Import of metadata fails for multiple regions on single slides in Leica SCN files

When importing metadata for multiple regions on single slides of Leica SCN files, the import may fail.

Solution: Please contact our customer support.

34688 – “CellularAnalysis” screenshot directory may not be deleted on “Reset Workspace”

When using the “Reset Workspace” functionality, the “CellularAnalysis” directory containing previously created screenshot is not deleted automatically.

Solution: You can continue working, and the folder can be deleted manually at any time.

34642 – Error message for layers without name

When creating a layer without providing a name, an error message will be shown during the usage of the layer.

Solution: Recreate the layer and enter a name.

Technical Support

32406 – Not all files may be deleted during uninstallation of workernode (RHEL6)

When uninstalling a workernode on a server running Red Hat Enterprise Linux 6 (RHEL6), the `DIAControlService.log` file may not be deleted automatically.

Solution: Delete the file manually out of the installation folder.

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