

Phenochart Software Release Notes

Software Version: 1.0.1

This file provides information about Phenochart software, version 1.0.1. Please read this information carefully as it supersedes all printed material or online help.

Overview:

Phenochart enables viewing and annotation of Brightfield and Fluorescent slides scanned by PerkinElmer's Vectra 3 Automated Quantitative Pathology Imaging System.

System Requirements:

- U.S. English Version of Microsoft® Windows 7, 64 bit
- .NET 4.5
- Minimum monitor resolution: 1280x768
- Minimum RAM: 2 GB

Software Installation:

To install Phenochart on Windows 7:

1. Log in as an administrator
2. Close all open software programs
3. Double click on Phenochart's Setup.exe
4. Follow the installer's instructions

Phenochart has been tested and validated on Windows 7. Installation is permitted on Windows 8 and Windows 10, but performance is not guaranteed.

Software Configuration:

On first launch, you must point Phenochart to your Vectra data directory. To do this, load a slide, and pick an example PerkinElmer slide scan (.qptiff) within the Vectra data directory. All subsequent launches will use the slide browser, which will enable you to view slide thumbnails and scanning details.

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New Features and Enhancements:

- ROI annotations (ticket:204-ticket:210)
- Double click acquired annotations to launch them in inForm (ticket:200)
- Right-click to retake annotations which failed to acquire (ticket:201)
- The slide browser will highlight the current slide when launched (ticket:202)
- Scale Bar color changed for better visibility (ticket:203)
- Renamed snapshot cancel button to close (ticket:213)

Bug Fixes:

- An application error is possible in rare cases when toggling between inForm and Phenochart (ticket:189)
- Fix for right click menu on reviewable annotations (ticket:190)
- A custom color may not set correctly if you move the color dialog (ticket:191)
- Snapshot palette is not shown when there is no image (ticket:211)
- Do not allow an unignore if it will conflict with other fields (ticket:212)
- Reduce (and make configurable) the default field size (ticket:214)
- Make the right click menu and control click consistent for all annotation types (ticket:215)
- Handle the case where a config file is corrupted (ticket:216)
- Fix annotation file writing for non-English locales (ticket:218)
- Controller buttons become slow to respond (ticket:219)
- Right click to show the slide info of the clicked, not selected slide (ticket:221)
- Slide Browser load button is not active at correct times (ticket:223)

Known Issues:

- Slide Browser is slow to load with high disk activity
- The drawn ROI remains even if the last generated field is deleted (ticket:217)
- Control-clicking on a field to make the application active will delete the field (ticket:220)
- An active TMA outline will be shown in a snapshot (ticket:222)

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New Features:

- Viewing of Brightfield and Fluorescent slides
- Snapshot capabilities for publications
- Annotations for MSI acquisition by selected fields, TMA cores, or inForm automatically generated selection
- Annotation history for all events
- Tamper evident slide data and annotation data

Known Issues:

- ROI annotations are not yet implemented
- Slide Browser is slow to load with high disk activity
- An application error is possible in rare cases when toggling between inForm and Phenochart
- Automatic fields that are initially ignored can only be toggled to acquisition
- A custom color may not set correctly if you move the color dialog

Support:

Contact PerkinElmer Technical Support by phone or online.

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Support Website: <http://www.perkinelmer.com/resources/technicalresources/default.xhtml>