

System Preferences

The System preferences menu accessible to administrator accounts (Figure 1) allows you to configure Partek Flow preferences. These preferences generally govern the activities of other users within the Partek Flow server. They can only be viewed and configured by Administrator accounts. The preferences are subdivided into the following sections:

- [Filesystem and storage](#)
- [Task queue and job processing](#)
- [User quotas and limitations](#)
- [Authentication settings](#)
- [Email settings](#)
- [General preferences](#)



Modifying preferences under the User quotas and limitations section require the User Disk Quotas [enterprise](#) license. Upon opening the system, all sections are collapsed except for *Filesystem and storage* (Figure 1).

The screenshot displays the Partek Flow System Preferences interface. At the top, there is a navigation bar with the Partek Flow logo, a 'Queue' dropdown, a 'Projects' dropdown, and a user profile icon labeled 'Administrator'. Below the navigation bar, the breadcrumb trail reads 'Home > Settings > System preferences'. The left sidebar contains a list of settings categories: Personal settings (My profile, My preferences), System settings (System information, System preferences, LDAP configuration), Partek Flow components (Filter management, Library file management, Option set management, Task management), Access management (User management, Group management, Licensing, Directory permissions), Partek Flow usage (System queue, System resources, Usage report), and Partek Flow components. The main content area shows the 'Filesystem and storage' section expanded, displaying the following settings:

- Data download directory: [i](#) /home/flow/FlowData/download
- Library file directory: [i](#) /home/flow/FlowData/library_files
- Default project output directory: [i](#) /home/flow/FlowData/project_output
- Store file-path symbolic links: [i](#) No
- Activity log retention (months): [i](#) 1

Below these settings is a pencil icon and the text 'Edit filesystem and storage'. The other sections in the main content area are collapsed: Task queue and job processing, User quotas and limitations, Authentication settings, Email settings, and General preferences. At the bottom of the page, a footer states: 'Copyright © 2016 Partek Incorporated. All rights reserved.'

Figure 9. System Preferences Page

To edit preferences, select the drop-down menu for the specific section you would like to modify. Information about specific preferences can be obtained by hovering over the  icon next to the option. Click the  icon to start editing.

Filesystem and storage

Data download directory

- Specifies the directory on the server to which the data files will be uploaded

Library file directory

- Specifies the directory on the server to which the library files will be uploaded

Default project output directory

- If *Sample file directory* is selected, files will be written on the same directory in which the sample files are located
- If *Other* is selected, a directory on the server must be specified to which the project output files will be written
- The user can override this setting by specifying the output directory in the project's Data tab after at least one sample has been created
- If *Enforced private directory* is selected, files will be written on the user's private directory. The alternative folder specified after *else* will be used if no private directory is assigned to a user.

Store file-path symbolic links

- If *Yes* is selected, Partek Flow will store new file paths with any symbolic links intact, making it easier to change where the links point. Otherwise, new paths are stored with symbolic links replaced by the directories to which they point, guaranteeing that Partek flow can uniquely identify each file and recognize when it already has information about that file. Changing the setting does not affect file paths already stored or the ability of Partek Flow to locate earlier files

Activity log retention

- Number of months activity logs are kept for

Task queue and job processing



Figure 10. Editing the Task queue and job processing preferences

Start Internal worker at Partek Flow server startup

- When enabled, an internal worker will be started upon server restart

Maximum running projects

- Sets the maximum number of projects that will run simultaneously. Any tasks already running will be completed before this takes into effect

Adjust job nice value

- Niceness value that is added to Partek Flow commands. Higher values are nicer. Set to 0 to disable


Show anonymous tasks on the queued tasks page


- ### Show warning when no workers are connected


- ## Email admins long running queued task


- Subject: [Hosted Partek Flow] Task T20160624142412218_000000 has a predicted remaining runtime longer than 1 day
- Figure 11. Example of an email sent to Partek Flow administrators for predicted long runtimes*
- Dear Partek Flow administrator,
- Flow has detected that a Quantify to annotation model (Partek E/M) task, with identifier T20160624142412218_000000, in project RNASeq of 5-aza treated HT29 has a predicted remaining runtime longer than 1 day and would benefit if additional workers were added.
- ~~If no additional workers are added, the current predicted end time for the task is 25 Jun 2016 04:28 PM GMT.~~
- User quotas and limitations**

User quotas and limitations

Only administrators can manage library files  ☐

Only administrators can create system-wide attributes  ☐

Upload file-size limit (MB) 

Default disk quota  ☒ None ☐ GB ☐ Set as the quota for users having none

Actions at 80% of disk quota

- ☐ Email user
- ☐ Email administrators
- ☐ Prevent importing sample files and running tasks

Actions at 100% of disk quota

- ☐ Email user
- ☐ Email administrators
- ☐ Prevent importing sample files and running tasks

Only administrators can manage library files

- ### Only administrators can create system-wide attributes

- ### Upload file size limit

- Default disk quota (requires [enterprise](#) license)**

- ### Actions at 80% of disk quota (requires [enterprise](#) license)

- Specifies the actions when user reaches 80% of their disk quota
- An email can be sent to the user and/or the administrators (Figure 5)
- The user can also be prevented from importing additional samples and running tasks until they clear additional space

Subject: [Hosted Partek Flow] Disk usage is over 80% of John Smith's quota in Partek Flow

Figure 13. Example of an email sent to Partek Flow administrators about user quota

Dear Partek Flow administrator,
John Smith's disk usage is 80.11 GB and quota is 100.00 GB in Partek Flow (http://...).
He/she has been asked to dissociate unwanted files from samples and delete unwanted task output files, tasks, and projects.

- Specifies the actions when user reaches their disk quota

You may also want to increase his/her disk quota.

- An email can be sent to the user and/or the administrators (similar to Figure 5)
- The user can also be prevented from importing additional samples and running tasks until they clear additional space

Authentication settings

Authentication settings

Days for new users to set password ⓘ

☐ Use proxy server

Proxy host name (ex: proxy.domain.com, 192.168.100.110)

Proxy port (ex: 3128)

Username

Password

☒ Allow users to override the default session timeout ⓘ

Default session timeout (minutes) ⓘ

☐ Require HTTPS for all pages

HTTPS port

⚠ Port number changes require a corresponding update to tomcat/conf/server.xml and a Partek Flow server restart.

Figure 14. Configuring Authentication settings

Days for user to set password

- If a user requests a password reset, this specifies amount of time the user has to reset their password

Use proxy server

- Allows administrator to configure proxy settings for the Partek Flow server
- Note that port number changes require a corresponding update to tomcat/conf/server.xml and a Partek Flow server restart

Allow users to override the default session timeout

- If checked, this gives each user the ability to override the default session timeout with their own settings as specified in "My preferences"

Default session timeout

- The amount of time, in minutes, before users are automatically logged out
- This protects users in the event that they walk away from their computer

Require HTTPS for all pages

- If checked, this requires HTTPS to load Partek Flow pages. Specify HTTPS port

Email settings

These settings allow Administrators to use the embedded email server within Partek Flow. Select the checkbox to configure mail server (Figure 7).

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Email settings

☒

Use embedded mail server

SMTP host name

localhost

SMTP host port

25

Sender email address

support@partek.com

SMTP password

Subject prefix

[Hosted Partek Flow]

Test address

Send

Email users on creation

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☒

Email users on transfer of project ownership

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☐ Previous Owner
 ☐ New Owner

Extra text for new-users email

i

Save

Cancel

Figure 15. Configuring Email settings

Email users on transfer of project ownership

- Administrators can configure whether email notifications are sent when project ownership is transferred. By selecting the relevant checkbox, the new or previous project owner can be notified.

Extra text to email to new users

- If the **Email users on creation** checkbox is selected, new Partek Flow users will receive an email with a link to set their password within Partek Flow. The email will include this extra text, which may have URLs in it. This setting does not affect user accounts that come from LDAP, because these accounts use the password stored in LDAP, not in Partek Flow

General preferences

▼ General preferences

Data table decimal precision

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2

Save

Cancel

Figure 16. Editing General preferences

Data table decimal precision

- Specifies the number of decimal places displayed

Additional Assistance

If you need additional assistance, please visit [our support page](#) to submit a help ticket or find phone numbers for regional support.



Your Rating: ☆☆☆☆☆ Results: ★★★★★ 35 rates