

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 icon, and dropdown menus for 'Queue' and 'Projects'. On the right, a user profile icon is labeled 'Administrator'. Below the navigation bar, a 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 'System preferences' (highlighted). The main content area shows the 'Filesystem and storage' section expanded, listing settings for Data download directory, Library file directory, Default project output directory, Store file-path symbolic links, and Activity log retention (months). Each setting has an information icon and a value. Below these settings is an 'Edit filesystem and storage' button. Other sections like 'Task queue and job processing', 'User quotas and limitations', 'Authentication settings', 'Email settings', and 'General preferences' are collapsed. The footer contains the copyright notice: 'Copyright © 2016 Partek Incorporated. All rights reserved.'

Section	Setting	Value
Filesystem and storage	Data download directory	/home/flow/FlowData/download
	Library file directory	/home/flow/FlowData/library_files
	Default project output directory	/home/flow/FlowData/project_output
	Store file-path symbolic links	No
	Activity log retention (months)	1
Task queue and job processing		
User quotas and limitations		
Authentication settings		
Email settings		
General preferences		

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



▼ Task queue and job processing

Start internal worker at Partek Flow server startup  ☒

Maximum running projects 

Adjust job nice value 

Show anonymous tasks on the queued tasks page  ☐

Show warning when no workers are connected  ☒

Email admins long running queued task  ☐ day(s)

Save Cancel

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

- If *Yes* is selected, all users can view the tasks queued up on the server and tasks that are not shared with the user will appear as anonymous

Show warning when no workers are connected

- If *Yes* is selected, a warning will be displayed when no workers are attached to the Partek Flow server

Email admins long running queued task

- If *Yes* is selected, Partek Flow will email admins (Figure 3) if a running task has a remaining runtime longer than the specified days and adding more workers could speed up the 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
[Task ID], in the project RNASeq of 5-aza treated HT29 has a predicted remaining

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 ☐ 100 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

Save Cancel

Figure 12. Editing User quotas and limitations preferences

Only administrators can manage library files

- If *Yes* is selected, only administrators can import and delete library files and regular users can only view library files

Only administrators can create system-wide attributes

- If *Yes* is selected, only administrators can create system-wide attributes within projects

Upload file size limit

- Size limit for files that can be uploaded using the *My computer* option
- Setting this to 0 removes file size limit

Default disk quota (requires **enterprise** license)

- Sets the default size of disk quota available for all users
- Disk quotas for specific users can be set in the User management page
- If *Set as the quota for users having none* is checked, disk quotas are retroactively set for all users currently without disk quotas
- Selecting *None* means there are no disk quotas across all users

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,


Actions at 100% of disk quota (requires enterprise license)

John Smith's disk usage is 60.11 GB and quota is 100.00 GB in Partek Flow (http://...).

- He/she specifies the actions when user reaches their 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
- You may also want to increase his/her disk quota.

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.

Save

Cancel

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

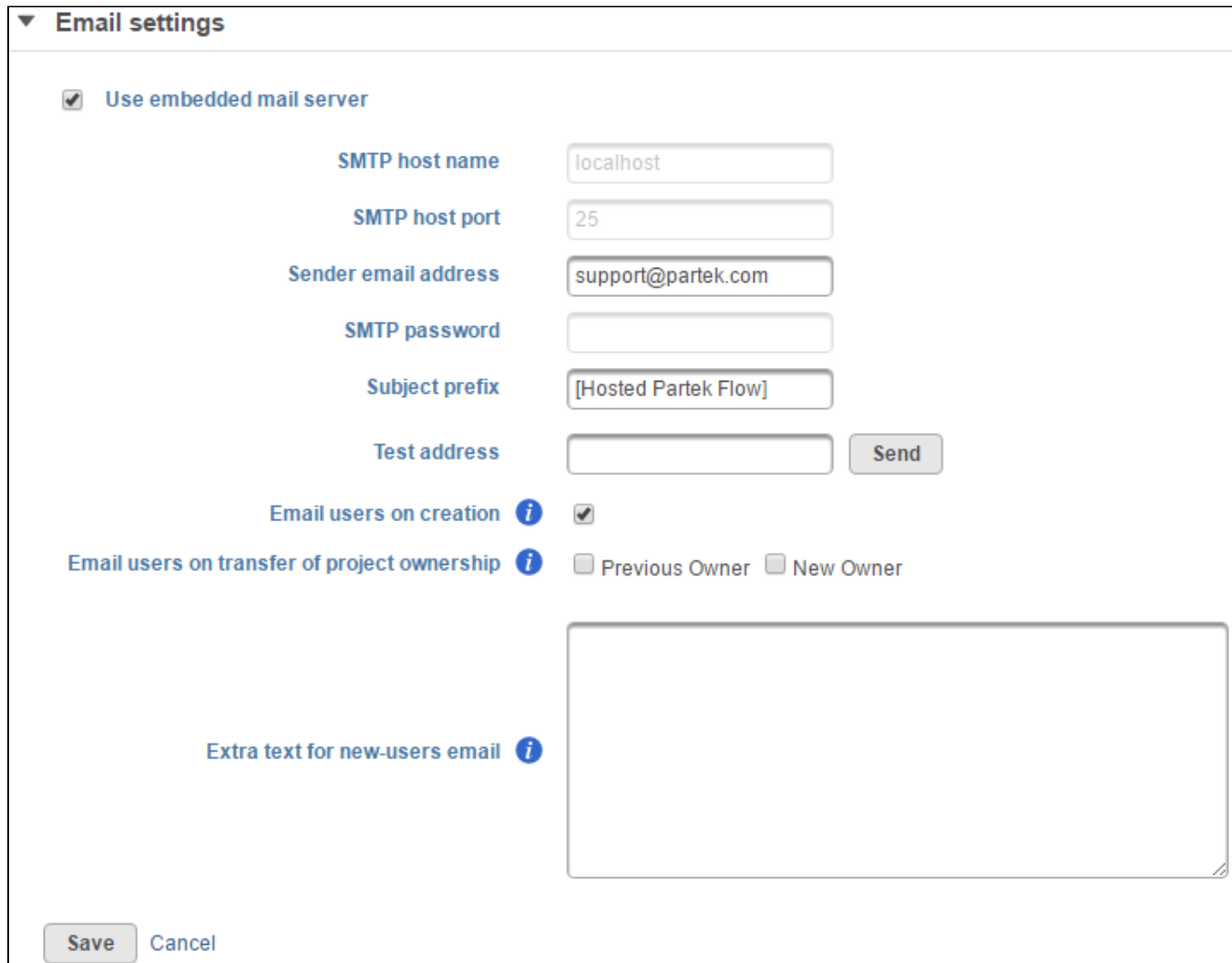
- The amount of time, in minutes, before users are automatically logged out
- This protects users in the event that they walk away from their computer

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).



The screenshot shows the 'Email settings' configuration window. At the top, there is a dropdown menu labeled 'Email settings'. Below it, a checkbox labeled 'Use embedded mail server' is checked. The settings are organized into several rows, each with a label and a corresponding input field or control:

- SMTP host name:** Input field containing 'localhost'.
- SMTP host port:** Input field containing '25'.
- Sender email address:** Input field containing 'support@partek.com'.
- SMTP password:** Empty input field.
- Subject prefix:** Input field containing '[Hosted Partek Flow]'.
- Test address:** Empty input field, followed by a 'Send' button.
- Email users on creation:** A label with an information icon followed by a checked checkbox.
- Email users on transfer of project ownership:** A label with an information icon followed by two unchecked checkboxes: 'Previous Owner' and 'New Owner'.
- Extra text for new-users email:** A label with an information icon followed by a large, empty text area.

At the bottom left, there are 'Save' and 'Cancel' buttons.

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