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).

Flow Dueue Queue V	Projects v Q Administrator
<u>Home</u> > Settings > System	preferences
Personal settings	 Filesystem and storage
My profile	
My preferences	Data download directory 👔 /home/flow/FlowData/download
System settings	Library file directory (i) /home/flow/FlowData/library_files
System information	Default project output directory 🧊 /home/flow/FlowData/project output
System preferences	
LDAP configuration	Store file-path symbolic links 🚺 No
Partek Flow components	Activity log retention (months) 🚺 1
Filter management	Edit filesystem and storage
Library file management	·
Option set management	Task queue and job processing
Task management	
Access management	User guotas and limitations
User management	•
Group management	Authentication settings
Licensing	
Directory permissions	Email settings
Partek Flow usage	
System queue	 General preferences
System resources	
Usage report	
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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 *i* icon next to the option. Click the *i* 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





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 ∂ 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 T201606241424 day	12218_000000 has a predicted remaining runtime longer than 1				
Figure 11, Example of an email sent to Partek Flow administrators for predicted long runtimes					
Flow has detected that a Quantify to annotation m	odel (Partek E/M) task, with identifier				
T20160624142412218_000000, in project RNASeq of 5-aza treated HT29 has a predicted remaining User quotas and limitations runtime longer than 1 day and would benefit if additional workers were added.					
▼ User quotas and limitations	rediated and time for the took is 25 Tun 2016 04.20 DM CDT				
Only administrators can manage library files 🧃					
Only administrators can create system-wide attributes 🧃					
Upload file-size limit (MB) (500				
Default disk quota (None Interview GB GB GB GB GB GB GB GB Set as the quota for users having none				
	Email user				
Actions at 80% of disk quota	Email administrators				
	Prevent importing sample files and running tasks				
	Email user				
Actions at 100% of disk quota	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 Oremoves 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
Actions at 199% of fisk guage (reguines on the second lige of the second
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 অব্দ লাম্বন আনন্দ্র ভার্মান্ট ইওলা ফ্রান্ট/টা প্রান্ত বির্লানারাদ্বাটান্ট (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	1 3 🗭	
Use proxy server		
Proxy host name		(ex: proxy.domain.com, 192.168.100.110)
Proxy port	0	(ex: 3128)
Username		
Password		
Allow users to override the default	session timeout 🧃	
Default session timeout (minutes)	30	
Require HTTPS for all pages		
HTTPS port	10443	
A Port number changes require a corresp to tomcat/conf/server.xml and a Partek Flow	onding update v 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).

 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	0	
Email users on transfer of project ownership	1	Previous Owner New Owner
Extra text for new-users email	0	
Save Cancel		



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 () 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.

