**Starexec Web Interface**

# Table of Contents

[1 Table of Contents 1](#_Toc415936332)

[2 Introduction 3](#_Toc415936333)

[2.1 Permissions 3](#_Toc415936334)

[3 Misc 3](#_Toc415936335)

[3.1 Logout 3](#_Toc415936336)

[3.2 Link all Orphaned Primitives to Space 3](#_Toc415936337)

[4 Spaces 4](#_Toc415936338)

[4.1 Edit Space Attributes 4](#_Toc415936339)

[4.2 Copy Spaces 4](#_Toc415936340)

[4.3 Edit Single Space Attribute 5](#_Toc415936341)

[4.4 Leave Space 5](#_Toc415936342)

[4.5 Remove Spaces 5](#_Toc415936343)

[5 Solvers 5](#_Toc415936344)

[5.1 Edit Solver 5](#_Toc415936345)

[5.2 Edit Configuration 6](#_Toc415936346)

[5.3 Linking / Copying Solvers to a Space 6](#_Toc415936347)

[5.4 Remove Solvers From Space 7](#_Toc415936348)

[5.5 Simultaneously Recycle and Remove Solvers From a Space 7](#_Toc415936349)

[5.6 Recycle Solvers 7](#_Toc415936350)

[5.7 Recycle Orphaned Solvers 8](#_Toc415936351)

[5.8 Restore Solvers 8](#_Toc415936352)

[5.9 Delete Solvers 8](#_Toc415936353)

[5.10 Delete Configurations 8](#_Toc415936354)

[5.11 Get Build Standard Output 9](#_Toc415936355)

[5.12 Restore Recycled Solvers 9](#_Toc415936356)

[5.13 Delete Recycled Solvers 9](#_Toc415936357)

[6 Processors 9](#_Toc415936358)

[6.1 Edit Processor 9](#_Toc415936359)

[6.2 Delete Processors 10](#_Toc415936360)

[7 Benchmarks 10](#_Toc415936361)

[7.1 Linking / Copying Benchmarks to a Space 10](#_Toc415936362)

[7.2 Edit Benchmark 10](#_Toc415936363)

[7.3 Removing Benchmarks From a Space 11](#_Toc415936364)

[7.4 Simultaneously Recycle and Remove Benchmarks From a Space 11](#_Toc415936365)

[7.5 Recycle Benchmarks 11](#_Toc415936366)

[7.6 Recycle Orphaned Benchmarks 12](#_Toc415936367)

[7.7 Restore Benchmarks 12](#_Toc415936368)

[7.8 Delete Benchmarks 12](#_Toc415936369)

[7.9 Restore All Recycled Benchmarks 12](#_Toc415936370)

[7.10 Delete Recycled Benchmarks 13](#_Toc415936371)

[7.11 View Benchmark Contents 13](#_Toc415936372)

[7.12 Getting Benchmark Upload Status 13](#_Toc415936373)

[8 Jobs 13](#_Toc415936374)

[8.1 Linking Jobs in a New Space 13](#_Toc415936375)

[8.2 Remove Jobs From Space 14](#_Toc415936376)

[8.3 Simultaneously Delete and Remove Jobs From a Space 14](#_Toc415936377)

[8.4 Delete Jobs 14](#_Toc415936378)

[8.5 Rerun Job Pairs 15](#_Toc415936379)

[8.6 Rerun Job Pairs of a Status 15](#_Toc415936380)

[8.7 Rerun Job Pairs That Reported Incorrectly 15](#_Toc415936381)

[8.8 Rerun Single Job Pair 15](#_Toc415936382)

[8.9 Reprocess Job Pairs 16](#_Toc415936383)

[8.10 Pause Job 16](#_Toc415936384)

[8.11 Resume Job 16](#_Toc415936385)

[8.12 Change Job Queue 16](#_Toc415936386)

[8.13 View Qstat Output 17](#_Toc415936387)

[8.14 View Job Pair Output 17](#_Toc415936388)

[8.15 View Job Pair Log 17](#_Toc415936389)

[9 Websites 18](#_Toc415936390)

[9.1 Add a New Website 18](#_Toc415936391)

[9.2 Delete a Website 18](#_Toc415936392)

[10 Users 18](#_Toc415936393)

[10.1 Add Users to Space 18](#_Toc415936394)

[10.2 Get user ID 19](#_Toc415936395)

[10.3 Remove Users From Space 19](#_Toc415936396)

[10.4 Edit User Permissions in a Space 19](#_Toc415936397)

[10.5 Edit User Permissions in a Space Hierarchy 20](#_Toc415936398)

[10.6 Alter Profile Data 20](#_Toc415936399)

[10.7 Set Default Settings Profile 20](#_Toc415936400)

[10.8 Edit Default Settings Profile 20](#_Toc415936401)

[10.9 Delete Default Settings Profile 21](#_Toc415936402)

[10.10 Change Password 21](#_Toc415936403)

# Introduction

## Permissions

addBench : Boolean – Whether default permissions for this space should include adding benchmarks

addJob : Boolean – Whether default permissions for this space should include adding jobs

addSolver : Boolean – Whether default permissions for this space should include adding solvers

addSpace : Boolean – Whether default permissions for this space should include adding spaces

addUser : Boolean – Whether default permissions for this space should include adding users

removeBench : Boolean – Whether default permissions for this space should include removing benchmarks

removeJob : Boolean – Whether default permissions for this space should include removing jobs

removeSolver : Boolean – Whether default permissions for this space should include removing solvers

removeSpace : Boolean – Whether default permissions for this space should include removing spaces

removeUser : Boolean – Whether default permissions for this space should include removing users

isLeader : Boolean – Whether the a user should be a leader or not.

# Misc

## Logout

URL: services/session/logout

Method: POST

Parameter Encoding: N/A

Description: Logs the requesting user out of the system

Returns: A jSON string containing a status object

## Link all Orphaned Primitives to Space

URL: services/linkAllOrphaned/{userId}/{spaceId}

URL Variables

{userId} – Your user ID

{spaceId} – The ID of the space to place all of the orphaned primitives into.

Method: POST

Parameter Encoding: N/A

Description: Links all “orphaned” solvers, benchmarks, and jobs that you own in the given space.

Returns: A jSON string containing a status object.

# Spaces

## Edit Space Attributes

URL: services/edit/space/{ id}

URL Variables

{id} – The ID of the space to edit

Method: POST

Parameter Encoding: application/x-www-form-urlencoded

Parameters

name : String – The new space name

description : String – The new space description

locked : Boolean – Whether the space should be locked

sticky : Boolean – Whether the new space should have sticky leaders set

+ all permissions parameters ( see the permissions section)

Description: Edits an existing space by providing a new values for all space attributes

Returns: A jSON string containing a status object.

## Copy Spaces

URL: services/spaces/{spaceId}/copySpace

URL Variables

{spaceId} – The ID of the space that you want to copy other spaces into

Method: POST

Parameter Encoding: application/x-www-form-urlencoded

Parameters

selectedIds : [Integer] – A list of space IDs, where each space will be copied into the destination space

copyHierarchy : Boolean – True to copy entire space hierarchies into the destination space. False to copy only the spaces in selectedIds without their hierarchies.

Description: Copies spaces into a single destination space. All benchmarks, solvers, and jobs will be linked into the newly created spaces.

Returns: A jSON string containing a status object.

## Edit Single Space Attribute

URL: services/edit/space/{attr}/{id}

URL Variables

{id} – The ID of the space to edit

{attr} – The attribute to edit. Can be “name” or “description”

Method: POST

Parameter Encoding: application/x-www-form-urlencoded

Parameters

val : String -- The new value to use for the given attribute

Description: Edits an existing space by providing a new value for the given attribute

Returns: A jSON string containing a status object.

## View Space Visibility

URL: services/space/isSpacePublic/{id}

URL Variables

{id} – The ID of the space to check visibility of.

Method: POST

Parameter Encoding: N/A

Description: Checks whether the given space is public or private.

Returns: A jSON string containing 1 if the space is public and 0 otherwise.

## Edit Space Visibility

URL: services/space/changePublic/{id}/{hierarchy}/{makePublic}

URL Variables

{id} – The ID of the space to edit.

{hierarchy} – Boolean : True to edit the entire space hierarchy and false to edit the single space.

{makePublic} – True to make spaces public and false to make them private

Method: POST

Parameter Encoding: N/A

Description: Sets the given space, and optionally the full space hierarchy rooted there, to either public or private.

Returns: A jSON string containing a status object.

## Leave Space

URL: services/leave/space/{spaceId}

URL Variables

{spaceId} – The ID of the space to leave

Method: POST

Parameter Encoding: N/A

Description: Removes you from the given space and all of its subspaces.

Returns: A jSON string containing a status object.

## Remove Spaces

URL: services/remove/subspace

Method: POST

Parameter Encoding: application/x-www-form-urlencoded

Parameters

selectedIds[] : [integer] – The list of space IDs to use

recyclePrims : Boolean – If true, all solvers and benchmarks located anywhere in any space hierarchy being removed will be recycled. Only solvers and benchmarks that you have permission to edit will be recycled.

Description: Removes all the given spaces, including their full space hierarchies.

Returns: A jSON string containing a status object.

# Solvers

## Edit Solver

URL: services/edit/solver/{id}

URL Variables

{id} – The ID of the solver to edit

Method: POST

Parameter Encoding: application/x-www-form-urlencoded

Parameters

name : String – The new name to give the solver

description : String – The new description to give the solver

downloadable : Boolean – Whether other users should be able to download the solver

Description: Modifies the given solver, giving it a new name, description, and downloadable status.

Returns: A jSON string containing a status object.

## Edit Configuration

URL: services/edit/configuration/{id}

URL Variables

{id} – The ID of the configuration to edit.

Method: POST

Parameter Encoding: application/x-www-form-urlencoded

Parameters

name : String – The new name to give the configuration

description : String – The new description to give the configuration

Description: Modifies the given configuration, giving it a new name and description.

Returns: A jSON string containing a status object.

## Linking / Copying Solvers to a Space

URL: services/spaces/{spaceId}/add/solver

URL Variables

{spaceId} – The ID of the space to put the solvers in

Method: POST

Parameter Encoding: application/x-www-form-urlencoded

Parameters

selectedIds[] : [integer] – The list of solver IDs to use

copy : Boolean – If true, deep copies of all the given solvers are made first, and then the new solvers are referenced in the given space. If false, solvers are simply referenced in the new space without being copied.

copyToSubspaces : Boolean – If true, solvers will be associated with every space in the hierarchy rooted at the given space. Otherwise, they will be associated only with the given space.

fromSpace : integer – If not null, then this is the ID of a space containing all the solvers in selectedIds[] that you have permission to copy solvers out of. If null, so such space is used, and you must be the owner of the solvers to have permission to use them.

Description: Given a list of solvers, places the benchmarks into the given space. If copy is true, the benchmarks are first copied. Otherwise, the benchmarks are just linked into the new space.

Returns: A jSON string containing a status object.

## Remove Solvers From Space

URL: services/remove/solver/{spaceId}

URL Variables

{spaceId} – The ID of the space to remove solvers from

Method: POST

Parameter Encoding: application/x-www-form-urlencoded

Parameters

selectedIds[] : [integer] – The list of solver IDs to use

hierarchy : Boolean – If true, removes the given solvers from the entire space hierarchy. Otherwise, just removes them from the given space.

Description: Removes all of the given solvers from the given space or space hierarchy, depending on the value of the hierarchy parameter. Note that the solvers are not recycled or deleted by this function

Returns: A jSON string containing a status object.

## Simultaneously Recycle and Remove Solvers From a Space

URL: services/recycleandremove/solver/{spaceID}

URL Variables

{spaceId} – The ID of the space to remove solvers from

Method: POST

Parameter Encoding: application/x-www-form-urlencoded

Parameters

selectedIds[] : [integer] – The list of solver IDs to use

Description: Simultaneously recycles all of the given solvers and removes them from the given space.

Returns: A jSON string containing a status object.

## Recycle Solvers

URL: services/recycle/solver

Method: POST

Parameter Encoding: application/x-www-form-urlencoded

Parameters

selectedIds[] : [integer] – The list of solver IDs to use

Description: Recycles all of the given solvers. Note that the solvers will not be removed from any spaces they are currently associated with.

Returns: A jSON string containing a status object.

## Recycle Orphaned Solvers

URL: services/recycleOrphaned/solver/{userId}

URL Variables

{userId} – Your user ID

Method: POST

Parameter Encoding: N/A

Description: Recycles all “orphaned” solvers that you own

Returns: A jSON string containing a status object.

## Restore Solvers

URL: services/restore/solver

Method: POST

Parameter Encoding: application/x-www-form-urlencoded

Parameters

selectedIds[] : [integer] – The list of solver IDs to use

Description: Restores all of the given solvers, removing them from the recycle bin.

Returns: A jSON string containing a status object.

## Delete Solvers

URL: services/delete/solver

Method: POST

Parameter Encoding: application/x-www-form-urlencoded

Parameters

selectedIds[] : [integer] – The list of solver IDs to use

Description: Permanently deletes all of the given solvers on disk. Note that the solvers will not be removed from any spaces they are currently associated with.

Returns: A jSON string containing a status object.

## Delete Configurations

URL: services/delete/configuration

Method: POST

Parameter Encoding: application/x-www-form-urlencoded

Parameters

selectedIds[] : [integer] – The list of configurations IDs to use

Description: Permanently deletes all of the given configurations on disk and removes them from their associated solvers.

Returns: A jSON string containing a status object.

## Get Build Standard Output

URL: services/solvers/{id}/buildoutput

URL Variables

{id} – The ID of the solver to get the build output for

Method: GET

Parameter Encoding: N/A

Description: Retrieves the standard output of the build script used when the solver was uploaded

Returns: A plaintext string containing the standard output of the build script. Returns “not available” if no build script was used for this solver, if the output could not be found, or if you do not have permission to view the build output.

## Restore Recycled Solvers

URL: services/restorerecycled/solvers

Method: POST

Parameter Encoding: N/A

Description: Restores all the solvers in your recycle bin, removing them from the recycle bin.

Returns: A jSON string containing a status object.

## Delete Recycled Solvers

URL: services/deleterecycled/solvers

Method: POST

Parameter Encoding: N/A

Description: Permanently deletes all the solvers in your recycle bin.

Returns: A jSON string containing a status object.

# Processors

## Edit Processor

URL: services/edit/processor/{procId}

URL Variables

{procId} – The ID of the processor to edit

Method: POST

Parameter Encoding: application/x-www-form-urlencoded

Parameters

name : String – The new name to give the processor

desc : String – The new description to give the processor

Description: Modifies the given processor, giving it a new name and description.

Returns: A jSON string containing a status object.

## Delete Processors

URL: services/delete/processor

Method: POST

Parameter Encoding: application/x-www-form-urlencoded

Parameters

selectedIds[] : [integer] – The list of processor IDs to delete

Description: Permanently deletes the given processors

Returns: a jSON string containing a status object.

# Benchmarks

## Linking / Copying Benchmarks to a Space

URL: services/spaces/{spaceId}/add/benchmark

URL Variables

{spaceId} – The ID of the space to put the new benchmarks in

Method: POST

Parameter Encoding: application/x-www-form-urlencoded

Parameters

selectedIds[] : [integer] – The list of benchmark IDs to use

copy : Boolean – If true, benchmarks are first copied, and then the new benchmarks are referenced in the given space. If false, benchmarks are simply referenced in the new space without being copied.

fromSpace : integer – If not null, then this is the ID of a space containing all the benchmarks in selectedIds[] that you have permission to copy benchmarks out of. If null, so such space is used, and you must be the owner of the benchmarks to have permission to use them.

Description: Given a list of benchmarks, places the benchmarks into the given space. If copy is true, the benchmarks are first copied. Otherwise, the benchmarks are just linked into the new space.

Returns: A jSON string containing a status object.

## Edit Benchmark

URL: services/edit/benchmark/{id}

URL Variables

{id} – The ID of the benchmark to edit

Method: POST

Parameter Encoding: application/x-www-form-urlencoded

Parameters

name : String – The new name to give the benchmark.

description : String – The new description to give the benchmark.

downloadable : Boolean – Whether other users should be able to download the benchmark

type : Integer – The ID of the benchmark processor to apply to the benchmark.

Description: Modifies the given benchmark, assigning it all the given attributes.

Returns: A jSON string containing a status object.

## Removing Benchmarks From a Space

URL: services/remove/benchmark/{spaceId}

URL Variables

{spaceId} – The ID of the space to remove benchmarks from

Method: POST

Parameter Encoding: application/x-www-form-urlencoded

Parameters

selectedIds[] : [integer] – The list of benchmark IDs to use

Description: Given a list of benchmarks and a space, removes all the given benchmarks from the given space. Note that this does not either recycle or delete any of the given benchmarks.

Returns: A jSON string containing a status object.

## Simultaneously Recycle and Remove Benchmarks From a Space

URL: services/recycleandremove/benchmark/{spaceID}

URL Variables

{spaceId} – The ID of the space to remove benchmarks from

Method: POST

Parameter Encoding: application/x-www-form-urlencoded

Parameters

selectedIds[] : [integer] – The list of benchmark IDs to use

Description: Simultaneously recycles all of the given benchmarks and removes them from the given space.

Returns: A jSON string containing a status object.

## Recycle Benchmarks

URL: services/recycle/benchmark

Method: POST

Parameter Encoding: application/x-www-form-urlencoded

Parameters

selectedIds[] : [integer] – The list of benchmark IDs to use

Description: Recycles all of the given benchmarks. Note that the benchmarks will not be removed from any spaces they are currently associated with.

Returns: A jSON string containing a status object.

## Recycle Orphaned Benchmarks

URL: services/recycleOrphaned/benchmark/{userId}

URL Variables

{userId} – Your user ID

Method: POST

Parameter Encoding: N/A

Description: Recycles all “orphaned” benchmarks that you own.

Returns: A jSON string containing a status object.

## Restore Benchmarks

URL: services/restore/benchmark

Method: POST

Parameter Encoding: application/x-www-form-urlencoded

Parameters

selectedIds[] : [integer] – The list of benchmark IDs to use

Description: Restores all of the given benchmarks, removing them from the recycle bin.

Returns: A jSON string containing a status object.

## Delete Benchmarks

URL: services/delete/benchmark

Method: POST

Parameter Encoding: application/x-www-form-urlencoded

Parameters

selectedIds[] : [integer] – The list of benchmark IDs to use

Description: Permanently deletes all of the given benchmarks on disk. Note that the benchmarks will not be removed from any spaces they are currently associated with.

Returns: A jSON string containing a status object.

## Restore All Recycled Benchmarks

URL: services/restorerecycled/benchmarks

Method: POST

Parameter Encoding: N/A

Description: Restores all the benchmarks in your recycle bin, removing them from the recycle bin.

Returns: A jSON string containing a status object.

## Delete Recycled Benchmarks

URL: services/deleterecycled/benchmarks

Method: POST

Parameter Encoding: N/A

Description: Permanently deletes all the benchmarks in your recycle bin.

Returns: A jSON string containing a status object.

## View Benchmark Contents

URL: services/benchmarks/{id}/contents

URL Variables

{id} – The ID of the benchmark to get the contents of

Method: GET

Parameter Encoding: N/A

Description: Retrieves the file contents of a single benchmark.

Returns: A plaintext string containing the benchmark contents for the given benchmark. Returns “not available” if the benchmark could not be found or if you do not have permission to see the given benchmark

## Getting Benchmark Upload Status

URL: services/benchmarks/uploadDescription/{statusId}

URL Variables

{statusId} – The ID of the benchmark upload status object

Method: GET

Parameter Encoding: N/A

Description: Retrieves a string description of a benchmark archive upload.

Returns: A jSON string containing a status object. If the status is successful, the message contained in the status object will be the upload description.

# Jobs

## Linking Jobs in a New Space

URL: services/spaces/{spaceId}/add/job

URL Variables

{spaceId} – The ID of the space to put the jobs in

Method: POST

Parameter Encoding: application/x-www-form-urlencoded

Parameters

selectedIds[] : [integer] – The list of job IDs to use

fromSpace : integer – If not null, then this is the ID of a space containing all the jobs in selectedIds[] that you have permission to copy jobs out of. If null, so such space is used, and you must be the owner of the jobs to have permission to link them.

Description: Given a list of jobs, associates all the jobs with the given space.

Returns: A jSON string containing a status object.

## Remove Jobs From Space

URL: services/remove/job/{spaceId}

URL Variables

{spaceId} – The ID of the space to remove jobs from

Method: POST

Parameter Encoding: application/x-www-form-urlencoded

Parameters

selectedIds[] : [integer] – The list of job IDs to use

Description: Removes all of the given jobs from the given space.

Returns: A jSON string containing a status object.

## Simultaneously Delete and Remove Jobs From a Space

URL: services/deleteandremove/job/{spaceID}

URL Variables

{spaceId} – The ID of the space to remove jobs from

Method: POST

Parameter Encoding: application/x-www-form-urlencoded

Parameters

selectedIds[] : [integer] – The list of job IDs to use

Description: Simultaneously deletes all of the given jobs and removes them from the given space.

Returns: A jSON string containing a status object.

## Delete Jobs

URL: services/delete/job

Method: POST

Parameter Encoding: application/x-www-form-urlencoded

Parameters

selectedIds[] : [integer] – The list of job IDs to use

Description: Permanently deletes all of the given jobs, including the deletion of all job data on disk.

Returns: A jSON string containing a status object.

## Rerun Job Pairs

URL: services/jobs/rerunallpairs/{id}

URL Variables

{id} – The ID of the job that contains the pairs to be rerun

Method: POST

Parameter Encoding: N/A

Description: Reruns every job pair in the given job.

Returns: A jSON string containing a status object.

## Rerun Job Pairs of a Status

URL: services/jobs/rerunpairs/{id}/{status}

URL Variables

{id} – The ID of the job that contains the pairs to be rerun

{status} – The integer status code of the pairs to rerun

Method: POST

Parameter Encoding: N/A

Description: Reruns all job pairs that are both in the given job and have the given status code.

Returns: A jSON string containing a status object.

## Rerun Job Pairs That Reported Incorrectly

URL: services/jobs/rerunpairs/{id}

URL Variables

{id} – The ID of the job that contains the pairs to be rerun

Method: POST

Parameter Encoding: N/A

Description: Reruns all job pairs that have already completed, but have a CPU time or wallclock time of 0. Such pairs generally had some problem reporting back results after completing.

Returns: A jSON string containing a status object.

## Rerun Single Job Pair

URL: services/jobs/pairs/rerun/{pairid}

URL Variables

{pairid} – The ID of the job pair that needs to be rerun

Method: POST

Parameter Encoding: N/A

Description: Reruns the given job pair

Returns: A jSON string containing a status object.

## Reprocess Job Pairs

URL: services/postprocess/job/{jobId}/{procId}/{stageNumber}

URL Variables

{jobId} – The ID of the job to reprocess pairs in

{procId} – The ID of the post processor to use

{stageNumber} – Which stage of the job to reprocess. If the job did not use solver pipelines, this should always be 1.

Method: POST

Parameter Encoding: N/A

Description: Runs a new post processor on all pairs from the job. The job must be finished to run a new post processor.

Returns: A jSON string containing a status object.

## Pause Job

URL: services/pause/job/{id}

URL Variables

{id} – The ID of the job to pause.

Method: POST

Parameter Encoding: N/A

Description: Pauses the given job.

Returns: A jSON string containing a status object.

## Resume Job

URL: services/resume/job/{id}

URL Variables

{id} – The ID of the job to resume.

Method: POST

Parameter Encoding: N/A

Description: Resumes the given paused job.

Returns: A jSON string containing a status object.

## Change Job Queue

URL: services/changeQueue/job/{id}/{queueid}

URL Variables

{id} – The ID of the job that is changing queues

{queueid} – The ID of the new queue to use

Method: POST

Parameter Encoding: N/A

Description: Moves the job to a new queue, so that all subsequent job pairs will run on the new queue.

Returns: A jSON string containing a status object.

## View Qstat Output

URL: services/cluster/qstat

Method: GET

Parameter Encoding: N/A

Description: Executes qstat –f on the Starexec grid engine and gets the standard output. Used to determine the cluster status.

Returns: A plaintext string containing the results of qstat.

## View Job Pair Output

URL: services/jobs/pairs/{id}/stdout/{stageNumber}

URL Variables

{id} – The ID of the job pair to get the output of

{stageNumber} – Which stage number of the pair to get the results of. If the pair was not created with a solver pipeline, then this should be 1. If it was created with a solver pipeline, then it is the relevant stage number to retrieve.

Method: GET

Parameter Encoding: N/A

Description: Retrieves the job pair output of a single stage of the given job pair

Returns: A plaintext string containing the output of the given pair. Returns “not available” if the output could not be found or if you do not have permission to view the given pair.

## View Job Pair Log

URL: services/jobs/pairs/{id}/log

URL Variables

{id} – The ID of the job pair to get the log of

Method: GET

Parameter Encoding: N/A

Description: Retrieves the job pair log of the single job pair given.

Returns: A plaintext string containing the job pair log of the given pair. Returns “not available” if the log could not be found or if you do not have permission to view the log of the given pair.

# Websites

## Add a New Website

URL: services/website/add/{type}/{id}

URL Variables

{type} – The type of primitive to add a website to. Can be “user”, “space”, or “solver”

{id} – The ID of the primitive to add a website too

Method: POST

Parameter Encoding: application/x-www-form-urlencoded

Parameters

name : String – The name of the website

url : String – The URL to the website

Description: Associates the given website with the specified primitive

Returns: A jSON string containing a status object

## Delete a Website

URL: services/websites/delete/{websiteId}

URL Variables

{websiteId} – The ID of the website

Method: POST

Parameter Encoding: N/A

Description: Deletes the website with the given ID

Returns: A jSON string containing a status object

# Users

## Add Users to Space

URL: services/spaces/{spaceId}/add/user

URL Variables

{spaceId} – The ID of the destination space for all the users

Method: POST

Parameter Encoding: application/x-www-form-urlencoded

Parameters

selectedIds[] : [integer] – The list of user IDs to use

copyToSubspaces : Boolean – Whether to copy the users to every space in the hierarchy rooted at the given space.

Description: Associates all of the given users with the given space

Returns: A jSON string containing a status object.

## Get user ID

URL: services/users/getid

Method: POST

Parameter Encoding: N/A

Description: Retrieves your user ID.

Returns: A jSON string containing your user ID.

## Remove Users From Space

URL: services/remove/user/{spaceId}

URL Variables

{spaceId} – The ID of the space to remove users from

Method: POST

Parameter Encoding: application/x-www-form-urlencoded

Parameters

selectedIds[] : [integer] – The list of user IDs to use

hierarchy : Boolean – If true, removes the given users from the entire space hierarchy. Otherwise, just removes them from the given space.

Description: Removes all of the given users from the given space or space hierarchy, depending on the value of the hierarchy parameter.

Returns: A jSON string containing a status object.

## Edit User Permissions in a Space

URL: services/space/{spaceId}/edit/perm/{userId}

URL Variables

{spaceId} – The ID of the relevant space

{userId} – The ID of the user to change permissions for

Method: POST

Parameter Encoding: application/x-www-form-urlencoded

Parameters

all permissions parameters ( see the permissions section)

Description: Updates the permissions of the given user in a space.

Returns: A jSON string containing a status object.

## Edit User Permissions in a Space Hierarchy

URL: services/space/{spaceId}/edit/perm/hier/{userId}

URL Variables

{spaceId} – The ID of the space that is at the root of the relevant hierarchy

{userId} – The ID of the user to change permissions for,

Method: POST

Parameter Encoding: application/x-www-form-urlencoded

Parameters

all permissions parameters ( see the permissions section)

Description: Updates the permissions of the given user in a space hierarchy rooted at the given space.

Returns: A jSON string containing a status object.

## Alter Profile Data

URL: services/edit/user/{attr}/{userId}/{val}

URL Variables

{attr} – The type of attribute to update. Can be “firstname” “lastname” “institution”, “pagesize”

{userId} – Your user ID

{val} – The new value to set

Method: POST

Parameter Encoding: N/A

Description: Updates a field of profile information (like first name, last name, and so on). Note that the “pagesize” attribute refers to the default number of rows that will be displayed in the data tables displayed on Starexec.

Returns: A jSON string containing a status object.

## Set Default Settings Profile

URL: services/set/defaultSettings/{id}

URL Variables

{id} – The ID of the settings profile to use

Method: POST

Parameter Encoding: N/A

Description: Sets the given settings profile as your default profile, meaning the one that is loaded automatically upon visiting pages like the job creation page.

Returns: A jSON string containing a status object.

## Edit Default Settings Profile

URL: services/edit/defaultSettings/{attr}/{id}

URL Variables

{id} – The ID of the settings profile to edit

{attr} – The attribute to edit. Can be “PostProcess”, “BenchProcess”, “CpuTimeout”, “ClockTimeout”, “DependenciesEnabled”, “defaultbenchmark”, “defaultsolver”, “MaxMem”, “PreProcess”

Method: POST

Parameter Encoding: application/x-www-form-urlencoded

Parameters

val : <String or Int, depending on choice of {attr}> -- The new value to use for the given attribute

Description: Edits an existing settings profile by using the given new value for the given attribute

Returns: A jSON string containing a status object.

## Delete Default Settings Profile

URL: services/delete/defaultSettings/{id}

URL Variables

{id} – The ID of the settings profile to delete

Method: POST

Parameter Encoding: N/A

Description: Deletes the settings profile with the given ID

Returns: A jSON string containing a status object.

## Change Password

URL: services/edit/user/password/{userId}

URL Variables

{userId} – Your user ID

Method: POST

Parameter Encoding: application/x-www-form-urlencoded

Parameters

current : String – Your current password.

newPass : String – The new password you want.

Confirm : String – The new password you want, repeated for security

Description: Changes the password you use to log into Starexec

Returns: A jSON string containing a status object.