

# Main

Welcome to the home of our Application Programming Interface (API) 1.1, which allows you to embed *sendspace* services in your applications, programs, or scripts.

We have purposely designed the **sendspace API** to be easy to implement and as versatile as possible, regardless of platform and programming language.

You can download working examples to demonstrate **sendspace API** (1.1) implementation in PHP and C++.

The **sendspace API** (1.1) service is provided "as is," with no warranties whatsoever. Improvements and new features are always being made. However, we will make all changes as backwards compatible as possible.

To use the **sendspace API** (1.1), you will first need to create an [API key](#), and then follow the instructions and examples found in our developer guides.

## API How-To

Before you can use the **sendspace API**, you will need to register for an API key. Creating your free key is easy; you just need to have a **sendspace** account first, login, and go to [API Keys](#).

- The **sendspace API** is using REST. All actions should access `http://api.sendspace.com/rest/`
- Every method requires that certain arguments are used. Mandatory arguments must be sent. Non-mandatory can be omitted.
- All communication with the **sendspace API** (1.1) assumes a UTF-8 encoding and all methods will return a similarly encoded XML response.
- The arguments, responses and error codes for each method are listed on the method's specification page. Methods are listed in the Full API Guide.
- All XML responses are always enclosed in a `<result>` root element that will hold the method name and the status of the action (OK/Fail).
- All responses, successful or not, will always return the id of the a file/folder to make it possible to call a few parallel actions.
- Dates and times are returned in the following formats: "YYYY/MM/DD HH:MM:SS". Times follow EST.

Most methods also require a `session_key`. A `session_key` is created in `auth.login` after a successful authentication.

## Authentication procedure:

1. Send auth.createtoken with api & app information.
2. Receive token.
3. Send auth.login with user information and the received token.
4. Receive a session\_key.
5. Use session\_key with all other methods.

We recommended that you use the auth.logout method when the user chooses to exit your application, whenever possible.

Please keep the user session\_key in memory/cookie and don't use the full authentication procedure for every method. Reuse the provided session\_key.

There is no need to check a session (auth.checksession) before every call. In the case that the session is expired, an error will be returned. Currently an idle session will expire within 30 minutes of inactivity, although this value can change.

## Calling a method:

[http://api.sendspace.com/rest/?method=files.getinfo&session\\_key=e7s8jvvj5n5u60qm4l6rzkax3a4ucpcg&file\\_id=6wnhxi](http://api.sendspace.com/rest/?method=files.getinfo&session_key=e7s8jvvj5n5u60qm4l6rzkax3a4ucpcg&file_id=6wnhxi)

## Successful response:

```
<result method="files.getinfo" status="ok">
  <file id="6wnAVV" name="sendspace_api.txt" description="" password="" file_size="231945" upload_time="1185443691"
  downloads="0" folder_id="0" direct_download_url="" download_page_url="http://www.sendspace.com/file/6wnAVV"/>
</result>
```

## Bad response (unknown method):

```
<result method="files.getinfos" status="fail">
  <error code="2" text="Unknown method"/>
</result>
```

# Developer Guide

The **sendspace** Application Programming Interface (API) allows you to embed **sendspace** services in your applications, programs, or scripts, regardless of platform and programming language. All communication with the **sendspace** API (1.1) assumes a UTF-8 encoding.

## Methods

**sendspace** API (1.1) currently supports the following methods:

### Authentication

- [auth.register](#)
- [auth.createToken](#)
- [auth.login](#)
- [auth.checksession](#)
- [auth.logout](#)

### Upload

- [upload.getInfo](#)

### Anonymous

- [anonymous.uploadGetInfo](#)
- [anonymous.filesSendMail](#)

### Download

- [download.getInfo](#)

### Files

- [files.getInfo](#)
- [files.moveToFolder](#)
- [files.setInfo](#)
- [files.delete](#)
- [files.sendMail](#)

### Folders

- [folders.getInfo](#)
- [folders.create](#)
- [folders.setInfo](#)
- [folders.delete](#)
- [folders.getContents](#)
- [folders.getShared](#)
- [folders.getAll](#)
- [folders.move](#)
- [folders.sendMail](#)

### Address Book

- [addressbook.list](#)
- [addressbook.add](#)
- [addressbook.update](#)
- [addressbook.delete](#)

# Errors

Code	Name	Description
1	API_ERROR_NO_METHOD	No method parameter in request
2	API_ERROR_UNKNOWN_METHOD	Unknown method
3	API_ERROR_SESSION_KEY_MISSING	Session key parameter missing
4	API_ERROR_PARAMETER_MISSING	Method parameter(s) missing
5	API_ERROR_BAD_API_VERSION	Unknown or unsupported API version
6	API_ERROR_SESSION_BAD	Session expired or not found
7	API_ERROR_SESSION_NOT_AUTH	Session not authenticated
8	API_ERROR_AUTHENTICATION_FAILURE	Authentication error
9	API_ERROR_FILE_NOT_FOUND	File not found
10	API_ERROR_FOLDER_NOT_FOUND	Folder not found
11	API_ERROR_PERMISSION_DENIED	Permission denied
12	API_ERROR_DOWNLOAD_TEMP_ERROR	Download is temporarily unavailable
13	API_ERROR_UPLOAD_TEMP_ERROR	Upload is temporarily unavailable
14	API_ERROR_FOLDER_NOT_EMPTY	Folder is not empty
15	API_ERROR_SYSTEM_MAINTENANCE	System maintenance, try again later

16	API_ERROR_INVALID_PARAMETER	One of the parameters is invalid
17	API_ERROR_HTTPS_FORBIDDEN	HTTPS is forbidden for current user
18	API_ERROR_UNKNOWN_API_KEY	Unknown API key sent
19	API_ERROR_PRO_EXPIRED	Pro user, account expired
20	API_ERROR_PRO_DISKSPACE_LIMIT	Pro user, reached disk space limit
21	API_ERROR_PARAMETER_BAD_VALUE	One of the parameter values is invalid
22	API_ERROR_BAD_PASSWORD	A wrong or empty password was given
23	API_ERROR_BANDWIDTH_LIMIT	Account bandwidth limit reached
24	API_ERROR_INVALID_EMAIL	Email(s) are invalid
25	API_ERROR_OUTDATED_VERSION	The application version you are using is too old. Please upgrade it.
26	API_ERROR_INVALID_FILE_URL	Not a sendspace download URL (must start with <a href="http://www.sendspace.com/">http://www.sendspace.com/</a> and contain a 6 character link)
27	API_ERROR_REGISTRATION_ERROR	* A specific text message will be sent according to the error *
28	API_ERROR_CONTACT_EXISTS	Contact already exist
29	API_ERROR_CONTACT_NOT_EXISTS	Contact doesn't exist
30	API_ERROR_TOO_MANY_SESSIONS	Too many sessions open for your user account. Please close previous sessions.
31	API_ERROR_BAD_TARGET_FOLDER	Invalid target folder selected
32	API_ERROR_CONTACTS_LIMIT	Reached contacts limit. Please free up unused contacts and try again.

## Developer Guide

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All communication with the **sendspace** API (1.1) assumes a UTF-8 encoding.

## Methods

**sendspace** API (1.1) currently supports the following methods:

**Method:** [auth.register](#)

### Description

Creates a new user account. An activation/validation email will be sent automatically to the user.

### Arguments

Name	Mandatory	Description
api_key	Yes	Received from sendspace
full_name	Yes	a-z/A-Z/space , 3-100 chars
email	Yes	Valid email address required

## Returns

ok status

## Response

```
<result method="auth.register" status="ok">  
  <status>ok</status>  
</result>
```

## Possible Errors

Code	Name	Description
11	API_ERROR_PERMISSION_DENIED	Permission denied
27	API_ERROR_REGISTRATION_ERROR	* A specific text message will be sent according to the error *

## Method: [auth.createToken](#)

## Description

Obtains a new and random token per session. Required for login.

## Arguments

Name	Mandatory	Description
api_key	Yes	Received from sendspace
api_version	Yes	Value must be: 1.0
app_version	No	Application specific, formatting / style is up to you
response_format	No	Value must be: XML

## Returns

A token to be used with the auth.login method

## Response

```
<result method="auth.createToken" status="ok">  
  <token>xxxx</token>  
</result>
```

## Usage Example

[http://api.sendspace.com/rest/?method=auth.createtoken&api\\_key=12DPC5Q11N&api\\_version=1.0&response\\_format=xml&app\\_version=0.1](http://api.sendspace.com/rest/?method=auth.createtoken&api_key=12DPC5Q11N&api_version=1.0&response_format=xml&app_version=0.1)

## Possible Errors

Code	Name	Description
5	API_ERROR_BAD_API_VERSION	Unknown or unsupported API version
25	API_ERROR_OUTDATED_VERSION	The application version you are using is too old. Please upgrade it.

## Method: [auth.login](#)

### Description

Starts a session and returns user API method capabilities -- which features the given user can and cannot use.

### Arguments

Name	Mandatory	Description
token	Yes	Received on create token
user_name	Yes	Registered email address



tokened\_password

Yes

lowercase(md5(token+lowercase(md5(password)))) - md5 values should always be lowercase.

## Returns

session\_key to be sent with all method calls, user information, including the user account's capabilities

## Response

```
<result method="auth.login" status="ok">
  <session_key>XXXX</session_key>
  <user_name>Full name</user_name>
  <email>XXXX</email>
  <membership_type>pro/max/lite</membership_type>
  <membership_ends>timestamp/0=expired/-1=unlimited</membership_ends>
  <subscribed>0/1</subscribed>
  <capable_upload>0/1</capable_upload>
  <capable_download>0/1</capable_download>
  <capable_folders>0/1</capable_folders>
  <capable_files>0/1</capable_files>
  <bandwidth_left>bytes/-1=unlimited</bandwidth_left>
  <diskspace_left>bytes/-1=unlimited</diskspace_left>
  <diskspace_used>bytes</diskspace_used>
  <points>0</points>
</result>
```

## Usage Example

http://api.sendspace.com/rest/?  
method=auth.login&token=57md654jwfl6l25idskzh8x3b5zwp46k&user\_name=test@test.com&tokened\_password=2cb501e4j86ef8ad17f6b26b90ee5764

## Possible Errors

Code	Name	Description
6	API_ERROR_SESSION_BAD	Session expired or not found
8	API_ERROR_AUTHENTICATION_FAILURE	Authentication error

11      API\_ERROR\_PERMISSION\_DENIED      Permission denied

**Method:** [auth.checksession](#)

### Description

Checks if a session is valid or not.

### Arguments

Name	Mandatory	Description
session_key	Yes	Received from <a href="#">auth.login</a>

### Returns

Session status (OK/Expired) and up to date account statistics which include the of user's remaining bandwidth & disk space information

### Response

```
<result method="auth.checkSession" status="ok">
  <session>ok/expired</session>
  <bandwidth_left>bytes/-1=unlimited</bandwidth_left>
  <diskspace_left>bytes/-1=unlimited</diskspace_left>
</result>
```

### Possible Errors

Code	Name	Description
6	API_ERROR_SESSION_BAD	Session expired or not found
7	API_ERROR_SESSION_NOT_AUTH	Session not authenticated

## Method: [auth.logout](#)

### Description

Logs out from a session.

### Arguments

Name	Mandatory	Description
session_key	Yes	Received from <a href="#">auth.login</a>

### Returns

OK status

### Response

```
<result method="auth.logout" status="ok">  
  <status>ok</status>  
</result>
```

### Usage Example

[http://api.sendspace.com/rest/?method=auth.logout&session\\_key=zm2bh8t1n0kcjfr97kxbvyy8wch5vtek](http://api.sendspace.com/rest/?method=auth.logout&session_key=zm2bh8t1n0kcjfr97kxbvyy8wch5vtek)

### Possible Errors

Code	Name	Description
6	API_ERROR_SESSION_BAD	Session expired or not found

## Method: [upload.getInfo](#)

### Description

Obtains the information needed to perform an upload.

### Arguments

Name	Mandatory	Description
session_key	Yes	Received from <a href="#">auth.login</a>
speed_limit	No	Upload speed limit in kilobytes, 0 for unlimited

### Returns

URL to upload the file to, progress\_url for real-time progress information, max\_file\_size for max size current user can upload, upload\_identifier & extra\_info to be passed with the upload form

### Response

```
<result method="upload.getInfo" status="ok">  
  <upload url="" progress_url="" max_file_size="" upload_identifier="" extra_info="" />  
</result>
```

### Usage Example

[http://api.sendspace.com/rest/?method=upload.getInfo&session\\_key=9i96woykgory1crglmykgycjwa5k2cq2&speed\\_limit=0](http://api.sendspace.com/rest/?method=upload.getInfo&session_key=9i96woykgory1crglmykgycjwa5k2cq2&speed_limit=0)

### Possible Errors

Code	Name	Description
6	API_ERROR_SESSION_BAD	Session expired or not found
11	API_ERROR_PERMISSION_DENIED	Permission denied
19	API_ERROR_PRO_EXPIRED	Pro user, account expired

**upload method**

```

<form method="post" action="[url value received in response]" enctype="multipart/form-data">
  <!-- MUST FIELDS -->
  <input type="hidden" name="MAX_FILE_SIZE" value="[max_file_size value received in response]">
  <input type="hidden" name="UPLOAD_IDENTIFIER" value="[upload_identifier value received in response]">
  <input type="hidden" name="extra_info" value="[extra_info value received in response]">
  <input type="file" name="userfile">

  <!-- OPTIONAL FIELDS --->
  <input type="text" name="description">
  <input type="text" name="password">
  <input type="text" name="folder_id">
  <input type="text" name="recipient_email"> <!-- an email (or emails separated with ,) of recipient/s to receive information
about the upload -->
  <input type="text" name="recipient_message"> <!-- a message to include in email to recipient/s -->
  <input type="checkbox" name="notify_uploader" value="1"> <!-- 0/1 - should the uploader be notified? -->
  <input type="hidden" name="redirect_url"> <!-- page to redirect after upload will be attached
upload_status=ok/fail&file_id=XXXX -->
</form>

```

**Different file input name**

In case an application is used that hard codes the upload input field (such as Adobe Flash), it is possible to send this field name with the value of "userfile". The code will then know to read from that input, instead of "userfile".

**When Upload Ends**

If redirect\_url was given, it will redirect to the URL, also adding two extra URL params to it:

\* upload\_status: ok/fail

\* file\_id: file\_id (can be used in the API for later)

If no redirect\_url is given, a page with the following text will be sent:

```

upload_status=ok/fail
file_id=XXXX
bandwidth_left=bytes/-1(=unlimited)
diskspace_left=bytes/-1(=unlimited)

```

## Progress Bar

Reading from progress\_url will give the an XML output similar to this:

```
<progress>
  <status>ok/fail/done</status>
  <eta>00:00:00</eta>
  <speed>50</speed> <!-- in kbps -->
  <uploaded_bytes>1000</uploaded_bytes> <!-- in bytes -->
  <total_size>50000</total_size> <!-- in bytes -->
  <elapsed>00:00:00</elapsed>
  <meter>0-100</meter> <!-- percentage of upload done -->
</progress>
```

Because the XMLHttpRequest JavaScript call, for security reasons, is unable to issue requests to hosts other than the host the page originated from, you need to make use of a simple proxy to read the progress information. For example:

```
<?
header("Content-type: text/xml");
echo file_get_contents($_REQUEST['url']);
?>
```

## Multiple Uploads

Multiple upload is supported by adding userfileN & descriptionN fields to the form where N is a number from 2 to 100.

\* Use "userfile" & "description" without the number "1" for the first file.

Example for uploading 3 files:

```
<input type="file" name="userfile">
<input type="text" name="description">
```

```
<input type="file" name="userfile2">
<input type="text" name="description2">
<input type="file" name="userfile3">
<input type="text" name="description3">
```

**Method:** `anonymous.uploadGetInfo`

## Description

Obtains the basic information needed to make an anonymous upload. This method does not require authentication or login.

## Arguments

Name	Mandatory	Description
speed_limit	No	Upload speed limit in kilobytes, 0 for unlimited
api_key	Yes	Received from sendspace
api_version	Yes	1.0
app_version	No	Application specific, formatting / style is up to you

## Returns

URL to upload the file to, progress\_url for real-time progress information, max\_file\_size for max size current user can upload, upload\_identifier & extra\_info to be passed in the upload form

## Response

```
<result method="anonymous.uploadgetinfo" status="ok">
  <upload url="" progress_url="" max_file_size="" upload_identifier="" extra_info="" />
</result>
```

## Possible Errors

Code	Name	Description
5	API_ERROR_BAD_API_VERSION	Unknown or unsupported API version

## upload method

```
<form method="post" action="[url value received in response]" enctype="multipart/form-data">
  <!-- MUST FIELDS -->
  <input type="hidden" name="MAX_FILE_SIZE" value="[max_file_size value received in response]">
  <input type="hidden" name="UPLOAD_IDENTIFIER" value="[upload_identifier value received in response]">
  <input type="hidden" name="extra_info" value="[extra_info value received in response]">
  <input type="file" name="userfile">

  <!-- OPTIONAL FIELDS --->
  <input type="text" name="description">
  <input type="text" name="recipient_email"> <!-- an email (or emails separated with ,) of recipient/s to receive information
about the upload -->
  <input type="text" name="recipient_message"> <!-- a message to include in email to recipient/s -->
  <input type="text" name="notify_uploader" value=""> <!-- uploader email -->
  <input type="hidden" name="redirect_url"> <!-- page to redirect after upload will be attached
upload_status=ok/fail&file_id=XXXX -->
</form>
```

## When Upload Ends

If redirect\_url was given, it will redirect to the URL, also adding two extra URL params to it:

\* upload\_status: ok/fail

\* file\_id: file\_id (can be used in the API for later)

If no redirect\_url is given, an xml page with following format will be sent:

```
<upload_done>
  <status>ok</status>
  <download_url>http://www.sendspace.com/file/XXXXXX</download_url>
  <delete_url>http://www.sendspace.com/delete/XXXXXX/YYYY</delete_url>
  <file_id>XXXXXX</file_id>
</upload_done>
```

## Progress Bar



Reading from progress\_url can give the following XML result:

```
<progress>
  <status>ok/fail/done</status>
  <eta>00:00:00</eta>
  <speed>50</speed> <!-- in kbps -->
  <uploaded_bytes>1000</uploaded_bytes> <!-- in bytes -->
  <total_size>50000</total_size> <!-- in bytes -->
  <elapsed>00:00:00</elapsed>
  <meter>0-100</meter> <!-- percentage of upload done -->
</progress>
```

Because Ajax, for security reasons, is unable to issue requests to hosts other than the host the pages originated from, you need to make use a proxy to read the progress information. For example:

```
<?
header("Content-type: text/xml");
echo file_get_contents($_REQUEST['url']);
?>
```

#### **Method: [anonymous.filesSendMail](#)**

#### **Description**

Sends the file link (URL) to the recipient(s), by email.

#### **Arguments**

Name	Mandatory	Description
api_key	Yes	Received from sendspace
api_version	Yes	1.0

app_version	No	Application specific, formatting / style is up to you
file_id	Yes	file_id or list of files' id's (a1a1a1,s2s2s2,d3d3d3)
sender_email	Yes	Sender email
emails	Yes	List of emails to send
message	No	Additional message to send the recipients

### Returns

id of the file if operation was successful

### Response

```
<!-- successful response -->
<result method="anonymous.filesSendMail" status="ok">
  <status>ok</status>
  <id>$file_id</id>
</result>

<!-- failed response -->
<result method="anonymous.filesSendMail" status="fail">
  <error code="24" text="Email(s) are invalid"/>
  <id>6wnhxi</id>
</result>
```

### Usage Example

```
http://api.sendspace.com/rest/?
method=anonymous.filessendmail&sender_email=webmasteratsendspacedotcom&file_id=abcdef&emails=webmasteratsendspacedotcom&message=ch
eck+this+file
```

### Possible Errors

Code	Name	Description
6	API_ERROR_SESSION_BAD	Session expired or not found
9	API_ERROR_FILE_NOT_FOUND	File not found
24	API_ERROR_INVALID_EMAIL	Email(s) are invalid

#### Method: [download.getInfo](#)

#### Description

Returns information required to download a file.

#### Arguments

Name	Mandatory	Description
session_key	Yes	Received from <a href="#">auth.login</a>
file_id	Yes	file_id or full file URL starting with http://
password	No	

#### Returns

URL for direct download of the file, and file information (name & size)

#### Response

```
<result method="download.getInfo" status="ok">
  <download file_id="" name="" url="" file_size="" />
</result>
```

#### Usage Example

http://api.sendspace.com/rest/?method=download.getinfo&session\_key=9i96woykgory1crglmykgycjwa5k2cq2&file\_id=http%3A%2F%2Fsendspace.com%2Ffile%2Fzapz8a

### Possible Errors

Code	Name	Description
6	API_ERROR_SESSION_BAD	Session expired or not found
9	API_ERROR_FILE_NOT_FOUND	File not found
11	API_ERROR_PERMISSION_DENIED	Permission denied
12	API_ERROR_DOWNLOAD_TEMP_ERROR	Download is temporarily unavailable
19	API_ERROR_PRO_EXPIRED	Pro user, account expired
22	API_ERROR_BAD_PASSWORD	A wrong or empty password was given
23	API_ERROR_BANDWIDTH_LIMIT	Account bandwidth limit reached
26	API_ERROR_INVALID_FILE_URL	Not a sendspace download URL (must start with http://www.sendspace.com/ and contain a 6 character link)

### Method: [files.getInfo](#)

#### Description

Gets information about a specific file.

#### Arguments

Name	Mandatory	Description
session_key	Yes	Received from <a href="#">auth.login</a>

file\_id Yes file\_id or list of files id's (a1a1a1,s2s2s2,d3d3d3)

## Returns

Full file information including size, upload date, download URLs & number of downloads

## Response

```
<!-- successful response -->
<result method="files.getInfo" status="ok">
  <file id="" name="" description="" password="" folder_id="" download_page_url="" direct_download_url="" upload_time=""
file_size="" downloads="" time_limit="" download_limit="" limit_action="" limit_action_to_folder=""/>
</result>

<!-- failed response -->
<result method="files.getinfo" status="fail">
  <error code="9" text="File not found"/>
  <id>u5txwy</id>
</result>
```

## Usage Example

[http://api.sendspace.com/rest/?method=files.getinfo&session\\_key=9i96woykgory1crglmykgycjwa5k2cq2&file\\_id=hk1v47](http://api.sendspace.com/rest/?method=files.getinfo&session_key=9i96woykgory1crglmykgycjwa5k2cq2&file_id=hk1v47)

## Possible Errors

Code	Name	Description
6	API_ERROR_SESSION_BAD	Session expired or not found
9	API_ERROR_FILE_NOT_FOUND	File not found

## Method: `files.moveToFolder`

### Description

Moves a file or files into a specific folder.

### Arguments

Name	Mandatory	Description
<code>session_key</code>	Yes	Received from <a href="#">auth.login</a>
<code>file_id</code>	Yes	<code>file_id</code> or list of files' id's (a1a1a1,s2s2s2,d3d3d3)
<code>folder_id</code>	Yes	A <code>folder_id</code> code or 0 for root folder

### Returns

full file information if operation was successful

### Response

```
<result method="files.movetoFolder" status="ok">
  <id>
    <file id="" name="" description="" password="" folder_id="" download_page_url="" direct_download_url="" upload_time=""
file_size="" downloads="" time_limit="" download_limit="" limit_action="" limit_action_to_folder=""/>
  </result>
```

### Usage Example

```
http://api.sendspace.com/rest/?
method=files.movetofolder&session_key=9i96woykgory1crglmykgycjwa5k2cq2&file_id=x517qv&folder_id=2128mq
```

### Possible Errors

Code	Name	Description
6	API_ERROR_SESSION_BAD	Session expired or not found
9	API_ERROR_FILE_NOT_FOUND	File not found
10	API_ERROR_FOLDER_NOT_FOUND	Folder not found

**Method: [files.setInfo](#)**

**Description**

Updates information about a specific file.

**Arguments**

Name	Mandatory	Description
session_key	Yes	Received from <a href="#">auth.login</a>
file_id	Yes	file_id or list of files id's (a1a1a1,s2s2s2,d3d3d3)
name	No	Only use if you want to change data. Sending empty will clear existing data.
description	No	Only use if you want to change data. Sending empty will clear existing data.
password	No	Only use if you want to change data. Sending empty will clear existing data.
folder_id	No	A folder_id code or 0 for root folder
time_limit	No	Seconds until limit reached
download_limit	No	Total number of downloads until limit reached
limit_action	No	Action to perform when reached limit (1=block downloads, 2=delete file,

3=move file to a different folder)

limit\_action\_to\_folder

No

folder\_id if limit\_action is 3

## Returns

Full and up to date file information if the operation was successful

## Response

```
<result method="files.setInfo" status="ok">
  <file id="" name="" description="" password="" folder_id="" download_page_url="" direct_download_url="" upload_time=""
file_size="" downloads="" time_limit="" download_limit="" limit_action="" limit_action_to_folder=""/>
</result>
```

## Usage Example

[http://api.sendspace.com/rest/?method=files.setinfo&session\\_key=9i96woykgory1crglmykgycjwa5k2cq2&file\\_id=hk1v47&name=Crazy+frog+-+Popcorn.mp3&folder\\_id=k6vpyz](http://api.sendspace.com/rest/?method=files.setinfo&session_key=9i96woykgory1crglmykgycjwa5k2cq2&file_id=hk1v47&name=Crazy+frog+-+Popcorn.mp3&folder_id=k6vpyz)

## Possible Errors

Code	Name	Description
6	API_ERROR_SESSION_BAD	Session expired or not found
9	API_ERROR_FILE_NOT_FOUND	File not found
10	API_ERROR_FOLDER_NOT_FOUND	Folder not found

**Method:** [files.delete](#)

## Description



Deletes a single file or more. This action cannot be reversed.

## Arguments

Name	Mandatory	Description
session_key	Yes	Received from <a href="#">auth.login</a>
file_id	Yes	file_id or list of files' id's (a1a1a1,s2s2s2,d3d3d3)

## Returns

ID of the file if operation was successful

## Response

```
<!-- successful response -->
<result method="files.delete" status="ok">
  <id>$file_id</id>
</result>

<!-- failed response -->
<result method="files.delete" status="fail">
  <error code="9" text="File not found"/>
  <id>u5txwy</id>
</result>
```

## Usage Example

### requesting deletion of 1 file:

`http://api.sendspace.com/rest/?method=files.delete&session_key=9i96woykgory1crglmykgycjwa5k2cq2&file_id=2u0v02`

### requesting deletion of more than 1 file:

`http://api.sendspace.com/rest/?method=files.delete&session_key=9i96woykgory1crglmykgycjwa5k2cq2&file_id=yqnz48%2Cfb18my`

## Possible Errors

Code	Name	Description
6	API_ERROR_SESSION_BAD	Session expired or not found
9	API_ERROR_FILE_NOT_FOUND	File not found

## Method: [files.sendMail](#)

### Description

Sends the file link (URL) to the recipient(s), by email.

### Arguments

Name	Mandatory	Description
session_key	Yes	Received from <a href="#">auth.login</a>
file_id	Yes	file_id or list of files' id's (a1a1a1,s2s2s2,d3d3d3)
emails	Yes	List of emails to send
message	No	Additional message to send the recipients
direct_link	No	For PRO users to send direct link or not

### Returns

id of the file if operation was successful

### Response

```
<!-- successful response -->  
<result method="files.sendMail" status="ok">
```

```
<id>$file_id</id>
</result>

<!-- failed response -->
<result method="files.sendmail" status="fail">
  <error code="24" text="Email(s) are invalid"/>
  <id>6wnhxi</id>
</result>
```

## Usage Example

`http://api.sendspace.com/rest/?method=files.sendmail&session_key=9i96woykgory1crglmykgycjwa5k2cq2&file_id=u5txwy&emails=webmasteratsendspacedotcom&message=check+this+file`

## Possible Errors

Code	Name	Description
6	API_ERROR_SESSION_BAD	Session expired or not found
9	API_ERROR_FILE_NOT_FOUND	File not found
24	API_ERROR_INVALID_EMAIL	Email(s) are invalid

## Method: [folders.getInfo](#)

### Description

Gets information about a specific folder.

### Arguments

Name	Mandatory	Description
session_key	Yes	Received from <a href="#">auth.login</a>

folder\_id Yes A folder\_id code or 0 for root folder

## Returns

Folder information

## Response

```
<result method="folders.getInfo" status="ok">  
  <folder id="" name="" shared="" public_url="" rss_url="" parent_folder_id="" total_files="" total_size="" total_folders="" />  
</result>
```

## Usage Example

```
http://api.sendspace.com/rest/?method=folders.getInfo&session_key=9i96woykgory1crglmykgycjwa5k2cq2&folder_id=f97uqo
```

## Possible Errors

Code	Name	Description
6	API_ERROR_SESSION_BAD	Session expired or not found
10	API_ERROR_FOLDER_NOT_FOUND	Folder not found

## Method: [folders.create](#)

### Description

Creates a new folder.

### Arguments

Name	Mandatory	Description
------	-----------	-------------

session_key	Yes	Received from <a href="#">auth.login</a>
name	Yes	
shared	No	Value can be 0 for private or 1 for public
parent_folder_id	No	A folder_id code or 0 for root folder

## Returns

New folder information

## Response

```
<result method="folders.create" status="ok">
  <folder id="" name="" shared="" public_url="" rss_url="" parent_folder_id=""/>
</result>
```

## Usage Example

```
http://api.sendspace.com/rest/?
method=folders.create&session_key=9i96woykgory1crg1mykgycjwa5k2cq2&name=test&shared=0&parent_folder_id=0
```

## Possible Errors

Code	Name	Description
6	API_ERROR_SESSION_BAD	Session expired or not found
10	API_ERROR_FOLDER_NOT_FOUND	Folder not found
11	API_ERROR_PERMISSION_DENIED	Permission denied

## Method: [folders.setInfo](#)

### Description

Updates folder information.

### Arguments

Name	Mandatory	Description
session_key	Yes	Received from <a href="#">auth.login</a>
folder_id	Yes	A folder_id code or 0 for root folder
name	No	Only use if you want to change data. Sending empty will clear existing data.
shared	No	Value can be 0 for private or 1 for public. Only use if you want to change data. Sending empty will clear existing data.
parent_folder_id	No	Only use if you want to change data. Sending empty will clear existing data.

### Returns

Current folder information

### Response

```
<result method="folders.setInfo" status="ok">  
  <folder id="" name="" shared="" public_url="" rss_url="" parent_folder_id=""/>  
</result>
```

### Possible Errors

Code	Name	Description
6	API_ERROR_SESSION_BAD	Session expired or not found

10	API_ERROR_FOLDER_NOT_FOUND	Folder not found
11	API_ERROR_PERMISSION_DENIED	Permission denied
31	API_ERROR_BAD_TARGET_FOLDER	Invalid target folder selected

**Method:** [folders.delete](#)

## Description

Deletes a folder including all sub-folders and files inside.

## Arguments

Name	Mandatory	Description
session_key	Yes	Received from <a href="#">auth.login</a>
folder_id	Yes	folder_id or list of folders' id's (a1a1a1,s2s2s2,d3d3d3)

## Returns

Deleted folder id

## Response

```
<result method="folders.delete" status="ok">  
  <id>$folder_id</id>  
</result>
```

## Usage Example

[http://api.sendspace.com/rest/?method=folders.delete&session\\_key=9i96woykgory1crglmykgycjwa5k2cq2&folder\\_id=id1y0r](http://api.sendspace.com/rest/?method=folders.delete&session_key=9i96woykgory1crglmykgycjwa5k2cq2&folder_id=id1y0r)

## Possible Errors

Code	Name	Description
6	API_ERROR_SESSION_BAD	Session expired or not found
10	API_ERROR_FOLDER_NOT_FOUND	Folder not found
11	API_ERROR_PERMISSION_DENIED	Permission denied
14	API_ERROR_FOLDER_NOT_EMPTY	Folder is not empty

## Method: [folders.getContents](#)

### Description

Obtains the full contents of a folder, including files and any sub-folders.

### Arguments

Name	Mandatory	Description
session_key	Yes	Received from <a href="#">auth.login</a>
folder_id	Yes	A folder_id code or 0 for root folder

### Returns

Files & folders information list

### Response

```
<result method="folders.getContents" status="ok">
  <folder id="" name="" shared="" public_url="" rss_url="" parent_folder_id=""/>
  ...
  <folder id="" name="" shared="" public_url="" rss_url="" parent_folder_id=""/>
  <file id="" name="" description="" password="" folder_id="" download_page_url="" direct_download_url="" upload_time=""
file_size="" downloads="" time_limit="" download_limit="" limit_action="" limit_action_to_folder=""/>
  ...
</result>
```



```
<file id="" name="" description="" password="" folder_id="" download_page_url="" direct_download_url="" upload_time=""
file_size="" downloads="" time_limit="" download_limit="" limit_action="" limit_action_to_folder=""/>
</result>
```

## Usage Example

[http://api.sendspace.com/rest/?method=folders.getcontents&session\\_key=9i96woykgory1crglmykgycjwa5k2cq2&folder\\_id=0](http://api.sendspace.com/rest/?method=folders.getcontents&session_key=9i96woykgory1crglmykgycjwa5k2cq2&folder_id=0)

## Possible Errors

Code	Name	Description
6	API_ERROR_SESSION_BAD	Session expired or not found
10	API_ERROR_FOLDER_NOT_FOUND	Folder not found

## Method: [folders.getShared](#)

### Description

Obtains the full contents of a shared folder, including files and any shared sub-folders.

### Arguments

Name	Mandatory	Description
session_key	Yes	Received from <a href="#">auth.login</a>
folder_id	Yes	A folder_id code or full url

### Returns

Folder info, files & sub folders information list

### Response

```
<result method="folders.getShared" status="ok">
  <current id="" name="" parent_folder_id=""/>
  <folder id="" name="" parent_folder_id=""/>
  ...
  <folder id="" name="" parent_folder_id=""/>
  <file id="" name="" description="" folder_id="" upload_time="" file_size=""/>
  ...
  <file id="" name="" description="" folder_id="" upload_time="" file_size=""/>
</result>
```

## Usage Example

[http://api.sendspace.com/rest/?method=folders.getshared&session\\_key=9i96woykgory1crglmykgycjwa5k2cq2&folder\\_id=\\*\\*\\*\\*\\*](http://api.sendspace.com/rest/?method=folders.getshared&session_key=9i96woykgory1crglmykgycjwa5k2cq2&folder_id=*****)

## Possible Errors

Code	Name	Description
6	API_ERROR_SESSION_BAD	Session expired or not found
10	API_ERROR_FOLDER_NOT_FOUND	Folder not found

## Method: folders.getAll

### Description

Obtains information about all available folders.

### Arguments

Name	Mandatory	Description
session_key	Yes	Received from <a href="#">auth.login</a>

### Returns

## Folders information list

### Response

```
<result method="folders.getAll" status="ok">
  <folder id="" name="" shared="" public_url="" rss_url="" parent_folder_id=""/>
  ...
  <folder id="" name="" shared="" public_url="" rss_url="" parent_folder_id=""/>
</result>
```

### Usage Example

[http://api.sendspace.com/rest/?method=folders.getall&session\\_key=9i96woykgory1crglmykgycjwa5k2cq2](http://api.sendspace.com/rest/?method=folders.getall&session_key=9i96woykgory1crglmykgycjwa5k2cq2)

### Possible Errors

Code	Name	Description
6	API_ERROR_SESSION_BAD	Session expired or not found

### Method: [folders.move](#)

### Description

Moves a folder. Can be moved into another folder, or placed in the root.

### Arguments

Name	Mandatory	Description
session_key	Yes	Received from <a href="#">auth.login</a>
folder_id	Yes	A folder_id code or list of folders' id's (a1a1a1,s2s2s2,d3d3d3)

parent\_folder\_id Yes folder\_id code or 0 for root folder

### Returns

Folder id of the moved folder

### Response

```
<result method="folders.move" status="ok">  
  <status>ok</status>  
  <id>$folder_id</id>  
</result>
```

### Possible Errors

Code	Name	Description
6	API_ERROR_SESSION_BAD	Session expired or not found
10	API_ERROR_FOLDER_NOT_FOUND	Folder not found
31	API_ERROR_BAD_TARGET_FOLDER	Invalid target folder selected

### Method: [folders.sendMail](#)

### Description

Sends the folder link (URL) to the recipient(s), by email.

### Arguments

Name	Mandatory	Description
session_key	Yes	Received from <a href="#">auth.login</a>
folder_id	Yes	folder_id or list of folders' id's (a1a1a1,s2s2s2,d3d3d3)

emails	Yes	List of emails to send
message	No	Additional message to send the recipients

## Returns

ID of the folder if operation was successful

## Response

```
<!-- successful response -->
<result method="folders.sendMail" status="ok">
  <id>$folder_id</id>
</result>

<!-- failed response -->
<result method="folders.sendmail" status="fail">
  <error code="24" text="Email(s) are invalid"/>
  <id>$folder_id</id>
</result>
```

## Usage Example

[http://api.sendspace.com/rest/?method=folders.sendmail&session\\_key=9i96woykgory1crglmykgycjwa5k2cq2&folder\\_id=\\*\\*\\*\\*\\*&emails=webmasteratsendspacedotcom&message=check+this+folder](http://api.sendspace.com/rest/?method=folders.sendmail&session_key=9i96woykgory1crglmykgycjwa5k2cq2&folder_id=*****&emails=webmasteratsendspacedotcom&message=check+this+folder)

## Possible Errors

Code	Name	Description
6	API_ERROR_SESSION_BAD	Session expired or not found
10	API_ERROR_FOLDER_NOT_FOUND	Folder not found
24	API_ERROR_INVALID_EMAIL	Email(s) are invalid

## Method: addressbook.list

### Description

Gets entire addressbook information

### Arguments

Name	Mandatory	Description
session_key	Yes	Received from <a href="#">auth.login</a>

### Returns

List of emails

### Response

```
<!-- successful response -->
<result method="addressbook.list" status="ok">
  <contact email="" name="" description="" type="0/1 - 0 = added by user, 1 = collected"/>
  .
  .
  <contact email="" name="" description="" type="0/1 - 0 = added by user, 1 = collected"/>
</result>
```

### Usage Example

[http://api.sendspace.com/rest/?method=addressbook.list&session\\_key=9i96woykgory1crglmykgycjwa5k2cq2](http://api.sendspace.com/rest/?method=addressbook.list&session_key=9i96woykgory1crglmykgycjwa5k2cq2)

### Possible Errors

Code	Name	Description
------	------	-------------

**Method:** [addressbook.add](#)

### Description

Add entry to addressbook

### Arguments

Name	Mandatory	Description
session_key	Yes	Received from <a href="#">auth.login</a>
email	Yes	Contact email
name	No	Contact name
description	No	Description of contact
type	No	0 = added by user, 1 = collected

### Returns

New contact information

### Response

```
<!-- successful response -->
<result method="addressbook.add" status="ok">
  <contact email="" name="" description="" type="0/1 - 0 = added by user, 1 = collected"/>
</result>
```

### Usage Example

<http://api.sendspace.com/rest/?>

method=addressbook.add&session\_key=9i96woykgory1crg1mykgycjwa5k2cq2&email=test@test.com&name=test+test&description=friend&type=0

### Possible Errors

Code	Name	Description
6	API_ERROR_SESSION_BAD	Session expired or not found
24	API_ERROR_INVALID_EMAIL	Email(s) are invalid
28	API_ERROR_CONTACT_EXISTS	Contact already exist
32	API_ERROR_CONTACTS_LIMIT	Reached contacts limit. Please free up unused contacts and try again.

### Method: [addressbook.update](#)

#### Description

Update details of a specific addressbook entry

#### Arguments

Name	Mandatory	Description
session_key	Yes	Received from <a href="#">auth.login</a>
email	Yes	Contact email. cannot be changed. for changing need to use add
name	No	Only use if you want to change data. Sending empty will clear existing data.
description	No	Only use if you want to change data. Sending empty will clear existing data.
type	No	0 = added by user, 1 = collected

#### Returns



Current contact details

## Response

```
<!-- successful response -->  
<result method="addressbook.update" status="ok">  
  <contact email="" name="" description="" type="0/1 - 0 = added by user, 1 = collected"/>  
</result>
```

## Usage Example

```
http://api.sendspace.com/rest/?  
method=addressbook.update&session_key=9i96woykgory1crglmykgycjwa5k2cq2&email=test@test.com&name=tester+tester
```

## Possible Errors

Code	Name	Description
6	API_ERROR_SESSION_BAD	Session expired or not found
29	API_ERROR_CONTACT_NOT_EXISTS	Contact doesn't exist

**Method:** [addressbook.delete](#)

## Description

Delete contacts, searching by email address, can receive list of email addresses

## Arguments

Name	Mandatory	Description
session_key	Yes	Received from <a href="#">auth.login</a>
email	Yes	Contact email. cannot be changed. for changing need to use add

## Returns

Contact email address if operation was successful

## Response

```
<!-- successful response -->
<result method="addressbook.delete" status="ok">
  <email>$email</email>
</result>
```

## Usage Example

```
http://api.sendspace.com/rest/?
method=addressbook.delete&session_key=9i96woykgory1crglmykgycjwa5k2cq2&email=test@test.com,test2@test.com
```

## Possible Errors

Code	Name	Description
6	API_ERROR_SESSION_BAD	Session expired or not found
29	API_ERROR_CONTACT_NOT_EXISTS	Contact doesn't exist

## Errors

Code	Name	Description
1	API_ERROR_NO_METHOD	No method parameter in request
2	API_ERROR_UNKNOWN_METHOD	Unknown method

3	API_ERROR_SESSION_KEY_MISSING	Session key parameter missing
4	API_ERROR_PARAMETER_MISSING	Method parameter(s) missing
5	API_ERROR_BAD_API_VERSION	Unknown or unsupported API version
6	API_ERROR_SESSION_BAD	Session expired or not found
7	API_ERROR_SESSION_NOT_AUTH	Session not authenticated
8	API_ERROR_AUTHENTICATION_FAILURE	Authentication error
9	API_ERROR_FILE_NOT_FOUND	File not found
10	API_ERROR_FOLDER_NOT_FOUND	Folder not found
11	API_ERROR_PERMISSION_DENIED	Permission denied
12	API_ERROR_DOWNLOAD_TEMP_ERROR	Download is temporarily unavailable
13	API_ERROR_UPLOAD_TEMP_ERROR	Upload is temporarily unavailable
14	API_ERROR_FOLDER_NOT_EMPTY	Folder is not empty
15	API_ERROR_SYSTEM_MAINTENANCE	System maintenance, try again later
16	API_ERROR_INVALID_PARAMETER	One of the parameters is invalid
17	API_ERROR_HTTPS_FORBIDDEN	HTTPS is forbidden for current user
18	API_ERROR_UNKNOWN_API_KEY	Unknown API key sent

19	API_ERROR_PRO_EXPIRED	Pro user, account expired
20	API_ERROR_PRO_DISKSPACE_LIMIT	Pro user, reached disk space limit
21	API_ERROR_PARAMETER_BAD_VALUE	One of the parameter values is invalid
22	API_ERROR_BAD_PASSWORD	A wrong or empty password was given
23	API_ERROR_BANDWIDTH_LIMIT	Account bandwidth limit reached
24	API_ERROR_INVALID_EMAIL	Email(s) are invalid
25	API_ERROR_OUTDATED_VERSION	The application version you are using is too old. Please upgrade it.
26	API_ERROR_INVALID_FILE_URL	Not a sendspace download URL (must start with <a href="http://www.sendspace.com/">http://www.sendspace.com/</a> and contain a 6 character link)
27	API_ERROR_REGISTRATION_ERROR	* A specific text message will be sent according to the error *
28	API_ERROR_CONTACT_EXISTS	Contact already exist
29	API_ERROR_CONTACT_NOT_EXISTS	Contact doesn't exist
30	API_ERROR_TOO_MANY_SESSIONS	Too many sessions open for your user account. Please close previous sessions.
31	API_ERROR_BAD_TARGET_FOLDER	Invalid target folder selected
32	API_ERROR_CONTACTS_LIMIT	Reached contacts limit. Please free up unused contacts and try again.
33	API_ERROR_FOLDER_IS_PRIVATE	Folder is private. Only the owner can view.