

# GPW WATS 6.03 Short-Long Mapper User Guide.

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# 1. DISCLAIMER

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1. correcting errors in the documentation or in the software;
2. clarification of the documentation content or removing ambiguity;
3. implementation of approved change requests or;
4. regulatory changes.

## 2. PREFACE

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This section describes the basic information about Short Long Mapper. You can learn about the target audience, the document purpose and all the necessary documents you should read in relation to this document.

### 2.1. TARGET AUDIENCE

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This document is dedicated Exchange Members who uses SLM system.

### 2.2. DOCUMENT'S PURPOSE

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This document describes registration of short codes to identify Clients entering orders into Trading System.

### 2.3. ASSOCIATED DOCUMENTS

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Please check the following documents to learn about the construction of Trading System.

- GPW WATS 1.01 Trading System.

Please check the documentation of the trading protocols supported by GPW WATS.

- GPW WATS 2.01 Native Order Gateway Specification (this document),
- GPW WATS 2.02 FIX Order Gateway Specification.

Please check the description of the communication with Data Distribution Service.

- GPW WATS 3.01 Market Data Protocol.

Please check the description of the communication with Internet Data Distribution System.

- GPW WATS 3.02 Internet Data Distribution System,
- GPW WATS 3.03 Streaming Messages for IDDS,
- GPW WATS 3.04 Rest API Messages for IDDS.

Please check the additional documentation, which explains other services provided within GPW WATS.

- GPW WATS 4.01 Drop Copy Gateway,
- GPW WATS 4.02 Post Trade Gateway,
- GPW WATS 5.01 Risk Management Gateway.

Please check the additional documentation describing the following:

- GPW WATS 2.03 Rejection Codes,
- GPW WATS 2.04 BenDec Message Definition Format,
- GPW WATS 4.03 Contract Notes,
- GPW WATS 6.01 Connectivity,
- GPW WATS 6.02 (ENG) Short Code Record Keeping,
- GPW WATS 6.02 (PL) Mapowanie Short Code,
- **GPW WATS 6.03 Short-Long Mapper User Guide** (this document).

It is recommended to read **GPW WATS 1.01 Trading System** document first.

### 3. DOCUMENT HISTORY

Version	Date	Description
<b>0.61</b>	29.02.2024	Initial publication of the document.
<b>0.62</b>	25.03.2024	Publication of v0.62. No changes in this version.
<b>1.0</b>	30.04.2024	In section <b>7.3 File structure</b> , Short Code format has changed from Integer > 9 to Integer > 3 and values has changed form between 10 and 231 - 1 (10 - 2.147.483.647) to between 4 and 232-1 (4 - 4.294.967.295)/
<b>1.1</b>	28.06.2024	Publication of v1.1. No changes in the document.
<b>1.1.2</b>	9.08.2024	Publication of v1.1.2. No changes in the document.
<b>1.2</b>	18.09.2024	No changes in the document.
<b>1.3</b>	17.10.2024	Publication of v1.3. No changes in the document.
<b>1.4</b>	6.12.2024	Unpublished version. No changes in the document.
<b>1.5</b>	3.02.2025	Publication of v1.5. No changes in the document.
<b>1.5.4</b>	30.04.2025	Publication of v1.5.4. No changes in the document.
<b>1.6</b>	26.05.2025	Publication of v1.6. No changes in the document.
<b>1.6.5</b>	18.06.2025	Publication of v1.6.5. No changes in the document.
<b>1.6.6</b>	10.07.2025	Publication of v1.6.6. No changes in the document.
<b>1.6.7</b>	7.08.2025	Publication of v1.6.7. No changes in the document.
<b>1.6.8</b>	14.08.2025	Publication of v1.6.8. No changes in the document.
<b>1.6.12</b>	12.09.2025	Publication of v1.6.12. No changes in the document.
<b>1.6.15</b>	29.09.2025	Publication of v1.6.15. No changes in the document.
<b>1.6.16</b>	24.10.2025	Publication of v1.6.16. No changes in the document.
<b>1.7.1</b>	18.11.2025	Publication of v1.7.1. No changes in the document.
<b>1.7.1.1</b>	12.12.2025	Publication of v1.7.1.1. No changes in the document.
<b>1.7.2-1.7.4</b>		No changes in the document.
<b>1.7.5</b>	06.03.2026	Publication of v1.7.5. No changes in the document.
<b>1.7.5.1</b>	29.04.2026	Section 7.1 (File Format) has been updated In section 8 PGP Encryption, additional requirements have been added. In section 12 API, paths have been updated.

## 4. INTRODUCTION

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### 4.1. ABOUT THE SERVICE

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In order to comply with Article 2(1) of the Commission Delegated Regulation (UE) 2017/580 of 24 June 2016 (Regulation), the Warsaw Stock Exchange (GPW) are obliged to obtain the following data from customers:

- Client,
- Investment decision within firm,
- Execution within firm,
- Non-executing broker.

Due to the fact that some of data might be classified as personal and sensitive data (including Nationals ID codes) it is not desirable to use it with every order. Providing this data on the order level may negatively impact message bandwidth. Hence to address both requirements, Exchange Members are required to:

- use in order message so called Short Codes allowing to identify each of the above mentioned categories using separate mapping process,
- provide to the Warsaw Stock Exchange mapping of Short Codes used in orders and additionally supply the mapped Long Codes.

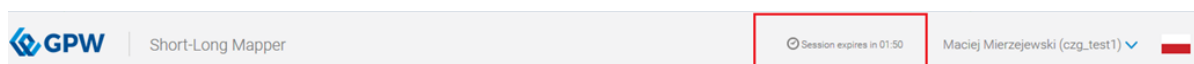
### 4.2. TECHNICAL REQUIREMENTS

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In order to set up a correct session, a computer with Internet access is required.

- Windows 7, 10 - Internet Explorer (v.11 or higher)/Chrome (v.51 or higher)/Opera (v.37 or higher).

Due to security precautions, the maximum amount of time after which the system automatically disconnects from the session is limited to 2 hours. The remaining time until session disconnection is always visible on the top-middle label of the screen.



### 4.3. BEFORE STARTING

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It is required to send to WSE signed list of authorized persons to obtain access to the Short Long Mapper service and to upload file with short code—long code mapping.

### 4.4. CONTACT

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Short Long Mapper Support:


- Email: [wsparcieUTP@gpw.pl](mailto:wsparcieUTP@gpw.pl)
- Tel: +48 22 537 73 41

GPW contact details are always displayed at the bottom of the screen.

WSE contact

IT support

 [wsparcieUTP@gpw.pl](mailto:wsparcieUTP@gpw.pl)

 +48 22 537 73 41

## 5. QUICK START

The screenshot shows the GPW Short-Long Mapper interface. At the top, there is a header with the GPW logo and 'Short-Long Mapper'. On the right side of the header, it shows 'Session expires in 00:43', the user 'Artur Kielak (GPW)', and a Polish flag. Below the header, there are several main sections: 'Reporting day' (2024-01-29), 'Send file' (with a file upload area and a 'Send' button), and 'Upload history' (a table with columns for Date time, User, File name, and Status). At the bottom, there is a 'WSE support contact' section with an email address and a phone number, and a 'Contact' section with the text 'How we can help You?'. A large blue box at the bottom right contains a list of links to specifications.

**Reporting time**  
Reminder that shows you current session date

**Send file**  
In this section you can upload file to fill mapping database

**Safety**  
It is important to control time of session

**Your data**  
Here you can download PGP key

**Language**  
You can change language anytime

**Reporting day**  
2024-01-29

**Send file**  
CHOOSE FILE or drag and drop file here  
Send

Example: XCCCCYYMMDDVV.csv.pgp, where X - trading platform, CCCC - exchange member code, YYYMMDD - effective date, VV - version number of a file.

**Upload history**

Date time	User	File name	Status
2024-01-18 11:16:55	artur.kielak@gpw.com.pl	G09992022122102.csv.pgp	OK
2024-01-18 11:14:46	artur.kielak@gpw.com.pl	G09992022122101.csv.pgp	Failed

**Upload**  
Upload mappings

**Upload history**  
Upload mappings from past

**Reports**  
Missing codes reports

**Short code errors**  
S-C errors files reports

**Reports history**  
Missing codes reports history

**Upload**  
Upload history

**Reports**  
Short code errors

**Reports history**  
Reports history

**Upload time**  
In this column you can check upload time

**User list**  
Here You can see how uploaded files

**File name**  
Uploaded files are listed here. You can track version with this column

**Status**  
This section displays status uploaded files

**Details**  
By clicking one of those icons you can download uploaded report

**Contact**  
How we can help You ?

WSE support contact  
wsparcieUTP@gpw.pl +48 22 537 73 41

More details regarding WSE „Short-Long Mapping” you will find in the following specifications :

- GPW WATS 6.02 Short Code Record Keeping
- GPW WATS 6.03 Short-Long Mapper User Guide

## 6. REPORTING TIME

Files may be supplied:

- a) Only on days on which trading sessions are held,
- b) During the trading days only,
- c) From 17:00 to 19:00 (Warsaw Time) on T day and from 8:00 to 12:00 (Warsaw time) on T day +1,
- d) "Effective date" given in the name of a file equal to T day. Any other date given in the file is not supported and such file is rejected.

**Example:**

Name of a mapping file supplied from 17:00 on January 3rd, 2017 to 12:00 on January 4th, 2017, "Effective date" should be equal to 20170103 while on the next time interval falling from 17:00 on January 4th, 2017 to 12:00 on January 5th, 2017, "Effective date" should be equal to 20170104.



## 7. REPORT FORMAT

### 7.1. FILE FORMAT

file	csv
field separator	comma
line end	LF(line feed), CODE ASCII: 10 "\n"
encoding	ASCII

### 7.2. FILE NAME

Name length	15 characters (alphanumeric)
<b>Name structure:</b>	
Trading platform identifier	Values: G - Warsaw Stock Exchange (GPW)
Exchange member KDPW code (exchange member's technical code in UTP)	4 characters
Effective date	YYYYMMDD YYYY – year MM – month DD – day
Version of a file on the given day	Values from 01 to 99

**Example:** G04202017111701.csv

### 7.3. FILE STRUCTURE

	Parameter	Format	Length	Description
1	Short Code	Integer > 3	Up to 10	Values between 4 and 232-1 (4 – 4.294.967.295) Reserved values: 0 - 9 for internal use
2	Long Code	String	Up to 50	Values: alphanumeric only Natural Person Identifier Legal Entity Identifier Algorithm Identifier
3	Code Type	Integer	1	Value between 1 – 3 1 – Client 2 - Investment Decision Within Firm 3 - Execution Within Firm
4	Identifier Type	Integer	1	Value between 1 – 3 1 - Natural Person 2 - Legal Entity 3 - Algorithm
5	Update Type	Integer	1	Value between 1 – 3

	Parameter	Format	Length	Description
				1 - Creation of a new record 2 - Deletion of existing record 3 - Modifying of existing record

## 8. PGP ENCRYPTION

Files must be encrypted using published by GPW PGP key according to individual requirements of Market when sent to the GPW secure site.

After downloading PGP key every member is obligated to encrypt .csv file with downloaded key, otherwise file will not be processed.

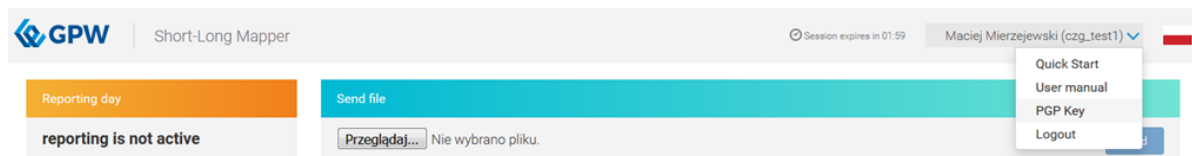
GPW decrypts received files using GnuPG version 2.2.8 or newer. Therefore, encrypted files must include a Modification Detection Code (MDC). Files encrypted without MDC cannot be properly decrypted and will not be processed by GPW systems.

When using older versions of OpenPGP/GnuPG, MDC may not be enabled by default. In such cases, members must explicitly enable MDC using the appropriate encryption option (e.g. --force-mdc) to ensure compatibility with GPW's decryption environment.

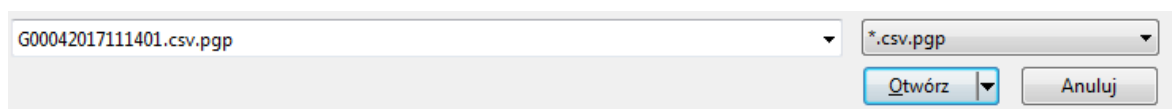
Additional information about MDC and OpenPGP encryption options can be found in the official GnuPG documentation: <https://www.gnupg.org/documentation/manuals/gnupg/OpenPGP-Options.html>

### 8.1. PGP KEY

PGP key can be found to download underneath member name on the top of short long mapper.



**Note:** file ready to upload must have .csv.pgp extension! Browsing file is set up to show only .csv.pgp extensions.



## 9. UPLOADING

### 9.1. UPLOAD MAPPING FILE

1. Choose the **Upload** section and click **[CHOOSE FILE...]** button.

Date time	User	File name	Status
2024-01-18 11:16:55	artur.kielak@gpw.com.pl	G09992022122102.csv.pgp	✓ OK

2. Choose proper file in Explorer.

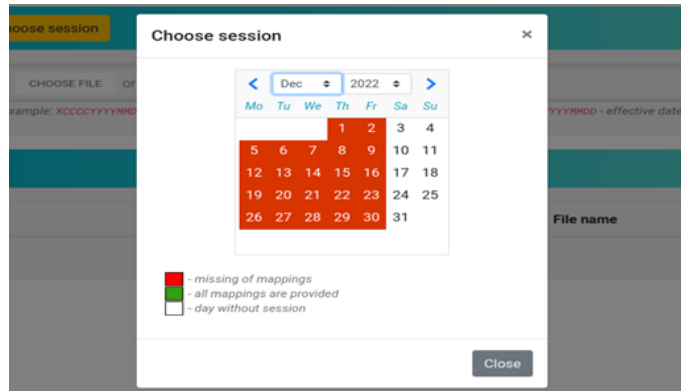
File name	Date time	Type	Size
G00042017111401.csv.pgp	2017-11-14 17:15	Plik PGP	1 KB
G00042017111402.csv.pgp	2017-11-14 17:15	Plik PGP	1 KB
G00042017111501.csv.pgp	2017-11-14 17:20	Plik PGP	1 KB


3. Send chosen file.

CHOOSE FILE G09992022020201.csv.pgp Send

### 9.2. UPLOAD HISTORY MAPPING FILE

1. Choose the **Upload history** click on **Choose session** and select session in which you want to upload missing codes.



- Click on icon  to get mapping file template. Below upload form you can see history mapping files from past session.

Reporting day

2024-01-29


Upload

Upload history

Reports

Short code errors

Reports history


Send file 2022-12-21 

CHOOSE FILE or drag and drop file here


Example: XCCCCYYYYMMDDVV.csv.pgp, where X - trading platform, CCCC - exchange member code, YYYYMMDD - effective date, VV - version number of a file.

Send ↻

Upload history ↻

Date time	User	File name	Status
2024-01-18 11:16:55	artur.kielak@gpw.com.pl	G09992022122102.csv.pgp	✔ OK 

- Open downloaded file.


Short-Long Mapper

G09992022122103.csv

Open File


Show all downloads

Reporting day

2024-01-29

Upload

Upload history

Send file 2022-12-21 


CHOOSE FILE or drag and drop file here

Example: XCCCCYYYYMMDDVV.csv.pgp, where X - trading platform, CCCC - exchange member code, YYYYMMDD - effective date, VV - version number of a file.

Send ↻

Upload history ↻

- Fill LONGCODE and IDENTIFIER TYPE. Encrypt this file.


Short-Long Mapper

Session expires in 01:49

Artur Kielak (GPW)

Reporting day

2024-01-29

Upload

CHOOSE FILE or drag and drop file here

Example: XCCCCYYYYMMDDVV.csv.pgp, where X - trading platform, CCCC - exchange member code, YYYYMMDD - effective date, VV - version number of a file.

Send ↻

G09992022122103.csv

```

1 14,[LONG CODE],1,[IDENTIFIER TYPE],1
2 14,[LONG CODE],2,[IDENTIFIER TYPE],1
                    
```

5. Send by form.

The screenshot shows the 'Send file' interface. The 'Reporting day' is set to 2022-12-21. A file has been successfully uploaded, as indicated by the green message 'File was successfully sent'. Below this, the 'Upload history' table is visible:

Date time	User	File name	Status
2024-01-29 16:27:00	artur.kielak@gpw.com.pl	G09992022122103.csv.pgp	In progress...

6. Check by click on calendar and you can see that all missing mappings for this session are provided

The screenshot shows the 'Choose session' dialog box. It features a calendar for December 2022. The dates 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, and 31 are listed. A legend below the calendar indicates:
 

- Red square: missing of mappings
- Green square: all mappings are provided
- White square: day without session

 In the calendar, the dates 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, and 31 are highlighted in red, indicating missing mappings. The date 21 is highlighted in green, indicating all mappings are provided. The date 20 is highlighted in white, indicating a day without session.

### 9.3. UPLOAD SC-ERRORS FILE

1. Choose the **Short code errors** section and click **[CHOOSE FILE...]** button.

The screenshot shows the 'Short code errors' section. The 'CHOOSE FILE...' button is visible. Below it, the 'Short Code Errors - Upload history' table is shown:

Date time	User	File name	Version	Session	Status
2024-01-19 11:58:24	mateusz.ciosmak@gpw.com.pl	ERRORSG099920220610.csv.pgp	13	2022-06-10	OK

2. Choose proper file in Explorer.

The screenshot shows a file explorer window with the following files listed:

File name	Date time	File type	Size
ERRORSG06520210909.csv.pgp	03.08.2021 16:42	Plik PGP	1 KB
ERRORSG06520210793.csv.pgp	03.08.2021 16:39	Plik PGP	1 KB
ERRORSG06520210605.csv.pgp	03.08.2021 16:40	Plik PGP	1 KB
ERRORSG106520210723.csv.pgp	03.08.2021 16:37	Plik PGP	1 KB
ERRORS85065202107234.csv.pgp	28.07.2021 10:20	Plik PGP	1 KB

The file explorer also shows a search bar with the text 'plik: G00042017111401.csv.pgp' and buttons for 'Otwórz' and 'Anuluj'.

3. Send chosen file.

#### Short code errors

CHOOSE FILE ERRORSB100120211206.csv.pgp

Send

Example: *ERRORSXCCCCYYYYMDD.csv.pgp*, where *X* - trading platform, *CCCC* - exchange member code, *YYYYMDD* - date of the session with errors.

## 10. VERIFICATION TIME

Each Exchange Member is obliged to keep mapping database up to date allowing Warsaw Stock Exchange to properly process mapping of Short Code identifiers on current orders entry against Long Code identifiers. Warsaw Stock Exchange will provide Exchange Members with the list of Short Codes that do not have a Long Codes registered against them:

- between 19:01 and 19:15 on T day,
- at 10:01 on T day + 1,
- at 11:01 on T day + 1,
- at 12:01 on T day + 1.

**Note:**

Given time is in CET / CEST!

- Missing identifiers reports including list of Short Codes that do not have a Long Codes registered against them. Exchange Member is obliged to supply a mapping file. However it is required to provide missing Long Codes identifiers before 12:01 (end of mapping procedure). After 12:01 mapping file is no longer required.
- Completion report including information about successful completion of mapping procedure. All Short Codes identifiers have a Long Codes registered against them on T day.

Missing Short Code identifiers reports are generated according to the schedule above. After receiving completeness report automatically no further registration process is required. In case an Exchange Member submits any modification to its own mapping database despite receiving a completeness report, the verification procedure will be re-initiated.

System informs WSE member via e-mail about missing short codes. User only receives information that full report is available to investigate it in SLM in **Reporting day timer** section.

When System detect that user do not need to upload missing short codes, then only one report is sent, just to inform that mapping database is complete.

While user uploads file, which modifies short code database, then checking procedure is triggered.

GPW Short-Long Mapper

Session expires in 01:59 Adam Debinski (GPW)

Reporting day: 2022-01-31

Send file

CHOOSE FILE or drag and drop file here Send

Upload history

Date time	User	File name	Status
No data			

## 11.GPW REPORTS

---

- a) Each received mapping file is verified to make sure it is not corrupted:
- b) File verification checks:
  - a) upload time,
  - b) report name,
  - c) PGP encryption,
  - d) CSV syntax,
  - e) file content.
- c) Exchange Member receives a response after each file verification:
  - a) File format: csv,
  - b) File name (15 numerical characters + C or E).
- d) GPW report in CSV format is available only when a file passed verification of:
  - a) upload time,
  - b) report name,
  - c) PGP encryption.
- e) GPW Report is available on website and is sent by email. GPW report is sent only when validation passed filename and upload time verification.
- f) Upload time and filename are verified online.

GPW report file name examples:

Exchange Member supplies mapping file: G09042018010201.csv.pgp.

Name of a verification report where file status indicator equal to "E" (file corrupted):  
G09042018010201E.csv.

Name of a verification report where file status indicator equal to "C" (file correct):  
G09042018010201C.csv.

GPW report file **example**: G00042017111301E.csv

```
10,1,1,N,SHORT_AND_TYPE_PAIR_EXIST
11,1,1,N,SHORT_AND_TYPE_PAIR_EXIST
12,1,1,N,SHORT_AND_TYPE_PAIR_EXIST
11,1,1,N,SKIPPED
13,1,1,N,TYPE_AND_IDENTIFIER_MISMATCH
12,2,1,N,LONG_DOES_NOT_FIT_TO_EXISTING_SHORT
12,1,3,N,SKIPPED
```

14, 2, 3, N, SHORT\_AND\_TYPE\_PAIR\_NOT\_EXIST

12, 1, 3, N, SKIPPED

10, 1, 2, N, SKIPPED

12, 1, 2, N, SKIPPED

11, 1, 2, N, SKIPPED

12, 1, 2, N, SKIPPED

## 12. API

Resource	Here you can find which module is explained		
Method	GET / POST / DELETE...	Path	/here/you/can/find/path
Possible responses	200, 201, 302, 401, 402, 403, 404...		
Consumes	What consumes this resource		
Produces	What produces this resource		
Response 200	Example 200 response content		

### 12.1. API USAGE EXAMPLE

```

JSA=4brokernet.gpw.pl
R=j4bn_users

U="login"
P="pass"

CURL_OPTS="--cookie-jar /tmp/cookie-jar --cookie /tmp/cookie-jar "

curl $CURL_OPTS -L "https://$JSA/dana-na/auth/url_default/login.cgi" -s -F
"username=$U" -F "password=$P" -F "realm=$R" > /dev/null

echo "upload..."
FPATH=example.txt
EF="https://$JSA/api/mapping/,DanaInfo=szapp4-wats-
slm.gpw.pl,dom=1,CT=sxml+file"
curl $CURL_OPTS -s -F 'file=@'$FPATH -L "$EF"

echo "uploaded files list..."
EF="https://$JSA/api/mapping/,DanaInfo=szapp4-wats-
slm.gpw.pl,dom=1,CT=sxml+file"
curl $CURL_OPTS -L "$EF"

curl -q $CURL_OPTS "https://$JSA/dana-na/auth/logout.cgi"

rm /tmp/cookie-jar

```

Credentials

Log in

File upload

Uploaded files list

Logout

Removing cookies

### 12.2. LOGIN

Resource	Login		
Method	POST	Path	/auth/url_default/login.cgi
Possible responses	302		
Consumes	application/x-www-form-urlencoded		
Produces	text/html		

<b>Parameter Type</b>	FormData	<b>Fields</b>	username, password, realm=j4bn_users
<b>Response 302</b>	text/html with session cookie		

### 12.3. ACTIVE SESSION

Resource	activeSession		
<b>Method</b>	GET	<b>Path</b>	/api/.DanalInfo=szapp4-wats-slm.gpw.pl,dom=1,CT=sxml+session
<b>Possible responses</b>	200 – OK 401 – Unauthorized\403 – Forbidden\404 – Not found		
<b>Consumes</b>	application/json		
<b>Produces</b>	application/json;charset=UTF-8		
<b>Response 200</b>	<pre>{   "code" : "string",   "code_description" : "string",   "content" : "string",   "status" : 0,   "time" : "string" }</pre>		

### 12.4. UPLOADING HISTORY

Resource	listCurrentSessionFiles		
<b>Method</b>	GET	<b>Path</b>	/api/mapping/.DanalInfo=szapp4-wats-slm.gpw.pl,dom=1,CT=sxml+file
<b>Possible responses</b>	200 – OK 401 – Unauthorized 403 – Forbidden 404 – Not found		
<b>Consumes</b>	application/json		
<b>Produces</b>	application/json;charset=UTF-8		
<b>Response 200</b>	<pre>{   "status": "integer",   "code": "string",   "code_description": "string",   "time": "string",   "content": [     {       "id": "string", "fileName": "string", "session": "string",       "exchange": "string", "companyUtpCode": "string", "sequenceNumber":       "string", "sent": "string", "sentBy": "string", "status": "string",       "responseFilename": "string", "validPgp": "boolean", "validSyntax":       "boolean", "validContent": "boolean" },     ...   ] }</pre>		

## 12.5. UPLOADING FILE

Resource	sendFile		
<b>Method</b>	POST	<b>Path</b>	/api/mapping/.DanaInfo=szapp4-wats-slm.gpw.pl,dom=1,CT=sxml+file
<b>Possible responses</b>	200 – OK 401 – Unauthorized 403 – Forbidden 404 – Not found		
<b>Consumes</b>	multipart/form-data		
<b>Produces</b>	application/json;charset=UTF-8		
<b>Parameter Type</b>	FormData	<b>Parameter Name</b>	File <i>Required</i>
<b>Response 200</b>	<pre>{   "code" : "string",   "code_description" : "string",   "status" : 0,   "time" : "string" }</pre>		

## 12.6. VALIDATION RESULT (200)

Resource	fileValidationResult		
<b>Method</b>	GET	<b>Path</b>	/api/mapping/file/{uid}/.DanaInfo=szapp4-wats-slm.gpw.pl,dom=1,CT=sxml+result
<b>Possible responses</b>	200 – OK 401 – Unauthorized 403 – Forbidden 404 – Not found		
<b>Consumes</b>	application/json		
<b>Produces</b>	application/json;charset=UTF-8 or text/csv		
<b>Parameter Type</b>	Path	<b>Parameter Name</b>	uid <i>required</i>
<b>Response</b>	CSV when http status = 200 JSON otherwise		

## 12.7. VALIDATION RESULT (400)

Resource	fileValidationError		
<b>Method</b>	GET	<b>Path</b>	/api/mapping/file/{uid}/.DanaInfo=szapp4-wats-slm.gpw.pl,dom=1,CT=sxml+error
<b>Possible responses</b>	400 – Error uploading file 401 – Unauthorized 403 – Forbidden 404 – Not found		

Resource		fileValidationError	
<b>Consumes</b>		application/json	
<b>Produces</b>		application/json;charset=UTF-8	
Parameter Type	Path	Parameter Name	Uid <i>Required</i>
<b>Response 400</b>			
	<pre>{   "status": "string",   "error": "string",   "error_description": "string",   "time": "string",   "problems": [     {       "error": "...",       "error_description": "..."     }     ...   ] }</pre>		

## 12.8. MISSING REPORTS LIST

Resource		missingReportsList	
<b>Method</b>	GET	<b>Path</b>	/api/missing/.DanalInfo=szapp4-wats-slm.gpw.pl.dom=1,CT=sxml+report
<b>Possible responses</b>		200 – OK 401 – Unauthorized 403 – Forbidden	
<b>Consumes</b>		application/json	
<b>Produces</b>		application/json;charset=UTF-8	
<b>Response 302</b>			
	<pre>{   "status": 200,   "code": "Missing Codes Reports",   "code_description": "List of reports",   "time": "2017-12-01 19:01:00",   "content": [     {       "memberCode": 1,       "session": "2017-12-01",       "hour": "19:00:00",       "exchange": "G",       "hasErrors": false     }   ] }</pre>		

## 12.9. MISSING REPORT

Resource		missingReport	
<b>Method</b>	GET	<b>Path</b>	/api/missing/report/{exchange}/{memberCode}/{date}/.DanalInfo=szapp4-wats-slm.gpw.pl+{time}
<b>Possible responses</b>		200 – OK 401 – Unauthorized	

Resource		missingReport	
		403 - Forbidden 404 - Not found	
<b>Consumes</b>		application/json	
<b>Produces</b>		application/json;charset=UTF-8 or text/csv	
<b>Parameter Type</b>	path	<b>Parameter Name</b>	exchange ( <i>letter example: G</i> )
			memberCode ( <i>integer example: 1</i> )
			date ( <i>yyyyMMdd example: 20171201</i> )
			time ( <i>HHmmss example: 150000</i> )
<b>Response 302</b>	CSV when http status = 200 JSON otherwise		

## 12.10. LOGOUT

Resource		Logout	
<b>Method</b>	GET	<b>Path</b>	dana-na/auth/logout.cgi
<b>Possible responses</b>		302	
<b>Consumes</b>		application/json	
<b>Produces</b>		text/html	
<b>Response 302</b>	text/html		

## 13. CONTACT


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Email: [wsparcieUTP@gpw.pl](mailto:wsparcieUTP@gpw.pl)

Tel: +48 22 537 73 41

WSE contact

IT support

 [wsparcieUTP@gpw.pl](mailto:wsparcieUTP@gpw.pl)

 +48 22 537 73 41