# FSETGW USER GUIDE

7/13/2022 7:38 AM

==changes are highlighted==

Getting Started

1. Supported Browsers include recent versions of
   a. Google Chrome
   b. Microsoft Edge
   c. Mozilla Firefox
2. FSETGW Systems
   a. TEST
      i. https://drsfsetuat.ct.gov/
   b. PRODUCTION
      i. https://drsfset.ct.gov/
3. You must register a new FSETGW account with CT DRS before using the site. The *Register* link is located in the upper right corner of the home page. You will need to click the link to load the account registration page and complete the form:
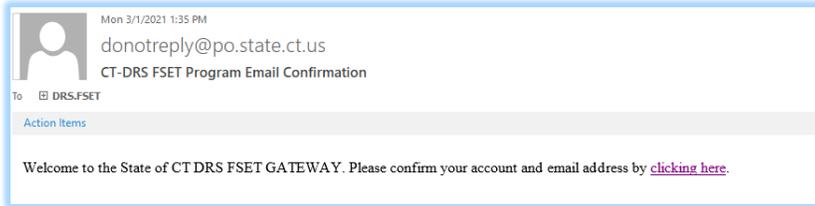   a. Enter your email address
   b. Enter and confirm your password
   c. Click the *Register* button
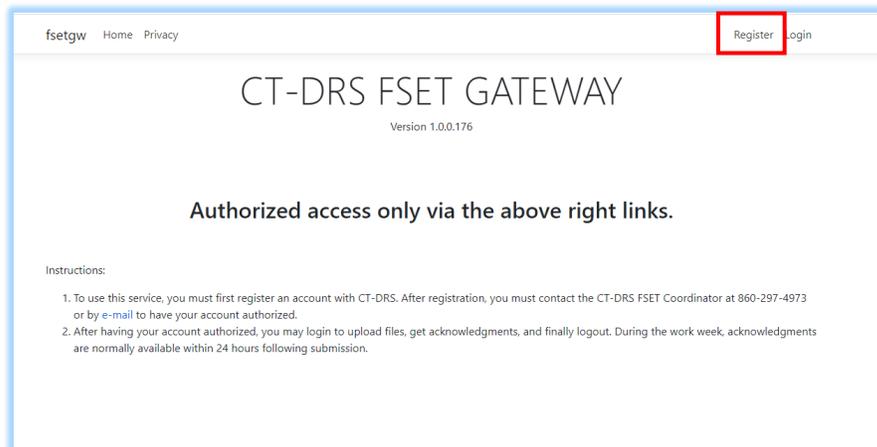
4. After registering your account, you will receive a confirmation email that will contain a link that you will need to click to complete the confirmation.

    a.

Mon 3/1/2021 1:35 PM
donotreply@po.state.ct.us
CT-DRS FSET Program Email Confirmation

To   ⊞ DRS.FSET

Action Items

Welcome to the State of CT DRS FSET GATEWAY. Please confirm your account and email address by clicking here.

5. After you've confirmed your account, you will need to contact CT DRS FSET Coordinator to have your account authorized:
   a. Phone: 860-297-4973
   b. Email: DRS.FSET@ct.gov
6. After having your account authorized, you may login to upload files, get acknowledgments, and finally logout. During the work week, acknowledgments are normally available within 24 hours following submission.
   a. Login Screen

Log in
Use a local account to log in.

Email

Password

☐ Remember me?

Log in

Forgot your password?

Register as a new user

Resend email confirmation

    b. File upload screen

Log in
Use a local account to log in.

Email

Password

☐ Remember me?

Log in

Forgot your password?

Register as a new user

Resend email confirmation

7. To simplify migration, the uploaded file format and schemas have not been changed.
8. The maximum request size is 81,920,000 bytes.
9. Browser session timeout is 2 hours.

For {s} in the API table below, substitute one of the FSETGW system URLS defined in the Getting Started section of this document. The GET APIs are used to obtain an anti-forgery token __**RequestVerificationToken** for a subsequent POST. A regular expression can be used to capture this token. The body of all POST methods is expected to be HTML form data (i.e. x-www-form-urlencoded or multipart/form-data). Note that the version API call can be used to detect the current API version.

API	URL	HTTP METHOD	INPUT FORM FIELDS
version	{s}/apiversion	GET	N/A
login	{s}/Identity/Account/Login	GET	N/A
login	{s}/Identity/Account/Login	POST	Email Password __RequestVerificationToken
logout	{s}/Identity/Account/Logout	GET	N/A
logout	{s}/Identity/Account/Logout	POST	__RequestVerificationToken
upload	{s}/send/upload	GET	N/A
upload	{s}/send/upload	POST	files __RequestVerificationToken
acks	{s}/acks	GET	N/A
acks by date	{s}/acks/date	POST	ackformat ackdate __RequestVerificationToken
acks by date range	{s}/acks/date_range	POST	ackformat ackstart ackend __RequestVerificationToken
quarterly acks	{s}/acks/quarterly	POST	ackformat taxyr qtr __RequestVerificationToken
acks by submission id (content location)	{s}/acks/swsid	POST	ackformat swsid search __RequestVerificationToken
acks by submission ids (content locations)	{s}/acks/swsids	POST	ackformat swsids __RequestVerificationToken

FORM FIELD	CONTENT TYPE	VALUE(S)
ackdate	x-www-form-urlencoded	date in YYYY-MM-DD format
ackend	x-www-form-urlencoded	date in YYYY-MM-DD format
ackformat	x-www-form-urlencoded	json or xml, (not found messages are always returned as text format)
ackstart	x-www-form-urlencoded	date in YYYY-MM-DD format
files	multipart/form-data	max of 10 filenames, follow WWW standards
Email	x-www-form-urlencoded	varies
Password	x-www-form-urlencoded	varies
qtr	x-www-form-urlencoded	1, 2, 3, or 4
__RequestVerificationToken	x-www-form-urlencoded or multipart/form-data	form token value received from previous HTTP GET
search	x-www-form-urlencoded	exact or startswith or endswith
swsid	x-www-form-urlencoded	software vendor assigned submission id (content location)
swsids	x-www-form-urlencoded	software vendor assigned submission ids (content locations), whitespace delimited string of submissions ids, max of 1000
taxyr	x-www-form-urlencoded	year in YYYY format

Example order of API calls to upload a file:

1. GET {s}/Identity/Account/Login
   a. obtain __RequestVerificationToken anti-forgery token to be used in subsequent API call
2. POST {s}/Identity/Account/Login
   a. x-www-form-urlencoded
   b. obtain .AspNetCore.Identity.Application cookie to be used in subsequent API calls
3. GET {s}/send/upload
   a. obtain __RequestVerificationToken anti-forgery token to be used in subsequent API call
4. POST {s}/send/upload
   a. multipart/form-data fields to be passed
      i. files
      ii. __RequestVerificationToken
5. GET {s}/Identity/Account/Logout
   a. obtain __RequestVerificationToken anti-forgery token to be used in subsequent API call
6. POST {s}/Identity/Account/Logout
   a. x-www-form-urlencoded

Example order of API calls to get quarterly acknowledgements:

1. GET {s}/Identity/Account/Login
   a. obtain __RequestVerificationToken anti-forgery token to be used in subsequent API call
2. POST {s}/Identity/Account/Login
   a. x-www-form-urlencoded
   b. obtain .AspNetCore.Identity.Application cookie to be used in subsequent API calls
3. GET {s}/send/acks
   a. obtain __RequestVerificationToken anti-forgery token to be used in subsequent API call
4. POST {s}/send/ quarterly
   a. x-www-form-urlencoded fields to be passed
      i. ackformat
      ii. taxyr
      iii. qtr
      iv. __RequestVerificationToken
5. GET {s}/Identity/Account/Logout
   a. obtain __RequestVerificationToken anti-forgery token to be used in subsequent API call
6. POST {s}/Identity/Account/Logout
   a. x-www-form-urlencoded

Acknowledgements

Acknowledgements are available in JSON and XML format and utilize the same field names (see Table 1). Rejected acknowledgements include a sequence of error values (see Table 2).

Table 1 – Acknowledgement Fields

Field Name	Description	Values/Notes
msgid	Unique message id: 20 digits, ETIN + ccyyddd + 8-character lower case alphanumeric	max length is 20 note that this field is not defined for legacy submissions and will be empty in that case
sw_sid	Unique submission id: 20 characters, EFIN + ccyyddd + 7-character lower case alphanumeric	max length is 32 to allow for legacy content locations note that this field is known as "content location" in legacy FSET submissions
etin	IRS ETIN	transmitter dependent
status	processing status	Accepted, Rejected, Pending
errors	sequence of error values	see Table 2 for error fields, note that this field is empty for Accepted submissions
created	acknowledgement creation date	varies

Table 2 – Error Fields

Field Name	Description	Values/Notes
err_cat	error category	varies
err_msg	error message	varies

Legacy FSET JSON Acknowledgment Sample

[{"msgid":"","sw_sid":"80464-20200106-23637624214","etin":80464,"status":"Accepted","errors":[],"created":"2020-12-10"},{"msgid":"","sw_sid":"80464-20200106-23640367214","etin":80464,"status":"Rejected","errors":[{"err_cat":"MissingData","err_msg":"//StateReturn/StateWH/Payment/PaymentInstrument/ACHDebit/RoutingTransitNumber"}],"created":"2020-12-10"},{"msgid":"","sw_sid":"80464-20200106-23640367222","etin":80464,"status":" Rejected ","errors":[{"err_cat":"InvalidValue","err_msg":"//StateReturn/StateWH/Payment/PaymentAmount/PaymentAmountTotal = 0.0"}],"created":"2020-12-10"}]

Legacy FSET XML Acknowledgment Sample

```xml
<ArrayOfFsetAck>
        <FsetAck>
                <msgid/>
                <sw_sid>80464-20200106-23637624214</sw_sid>
                <etin>80464</etin>
                <status>Accepted</status>
                <errors/>
                <created>2020-12-10</created>
        </FsetAck>
        <FsetAck>
                <msgid/>
                <sw_sid>80464-20200106-23640367214</sw_sid>
                <etin>80464</etin>
                <status>Rejected</status>
                <errors>
                        <FsetError>
                                <err_cat>MissingData</err_cat>
                                <err_msg>//StateReturn/StateWH/Payment/PaymentInstrument/ACHDebit/RoutingTransitNumber</err_msg>
                        </FsetError >
                </errors >
                <created>2020-12-10</created>
        </FsetAck>
        <FsetAck>
                <msgid/>
                <sw_sid>80464-20200106-23640367222</sw_sid>
                <etin>80464</etin>
                <status>Rejected</status>
                <errors>
                        <FsetError >
                                <err_cat>InvalidValue</err_cat>
                                <err_msg>//StateReturn/StateWH/Payment/PaymentAmount/PaymentAmountTotal = 0.0</err_msg>
                        </FsetError >
                </errors >
                <created>2020-12-10</created>
        </FsetAck>
</ArrayOfFsetAck>
```