

Iowa Workforce Development

# Efiling Service

Technical Documentation

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## Table of Contents

Getting Started.....	3
What is Efiling?.....	3
Basic Exchange of SOAP Messages .....	4
Anatomy of a SOAP Request .....	4
SOAP Envelope.....	4
SOAP Body.....	5
Types of Requests .....	5
Anatomy of a SOAP Response.....	6
Types of Responses.....	6
Implementation Process .....	7
System Requirements .....	7
Implementation Environments.....	7
Integration Overview .....	8
The Integration Process .....	8
SOAP Endpoints .....	8
SOAP Wsdl.....	8
Testing Cycle Overview .....	9
Testing Mode .....	9
SOAP Endpoints .....	9
Going Live.....	10
SOAP Endpoints .....	10
API Reference.....	11
Efiling vs Acknowledgement .....	11
Efiling service .....	11
Efiling service details.....	11
Efiling Error Codes and Messages .....	12
Sample Efiling service responses .....	14
Acknowledgement service .....	15
Acknowledgement Errors and Warnings .....	16
Sample Acknowledgement service responses .....	18
Data Types – Efiling schema.....	19

## Revision History

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3.0.1	IWD	Published	October 5, 2021	- Updated Production Web service Urls
3.0.2	IWD	Published	March 31, 2022	<ul style="list-style-type: none"> <li>- Added error code 005 to 'Efilng Error Codes and Messages' (Page 12)</li> <li>- Modified error message of error code 103 in 'Acknowledgement Errors' (Page 15)</li> <li>- Corrected typo in description of ContributionDue and SurchargeDue (Page 29)</li> <li>- Removed "New Business Validation" section (Page 11)</li> <li>- Added error codes 007,009,010 to "Efilng Error Codes and Messages" (Page 12)</li> <li>- Added error code 107 to "Acknowledgement Errors and Warnings" (Page 16)</li> </ul>
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## Getting Started

This chapter introduces the Efiling service.

### What is Efiling?

Efiling is a service using which employers or agents can submit the Iowa Quarterly Contribution & Payroll report through SOAP (Simple Object Access Protocol), based on the schema approved under TIGERS FSET Version 2.1.

Efiling service provides two web services:

1. Efiling Web Service: It can be used to submit wage reports. Each request would consist of one employer's wage report.
2. Acknowledgement Web Service: It can be used to check for the processing status of a report that has already been submitted.

Note: In the rest of the document, these services are collectively referred to as "Efiling/Acknowledgement web services". When they need to be referred separately, it has been done so.

End users integrate their application with Efiling using a SOAP interface over an HTTPS connection.

SOAP defines the format of standard XML messages that are used to communicate among systems. Because the XML message format is standardized, SOAP can be used to communicate among multiple computer architectures, languages, and operating systems. The Efiling/Acknowledgement API supports document-style SOAP 1.1.

HTTPS is a protocol used for communication between web browsers and web sites. It works in the same manner as HTTP, except it provides security and privacy through the use of encryption.

## Basic Exchange of SOAP Messages

The SOAP messages your application sends to the web services are called request messages; the messages that it returns are called response messages. The basic exchange of these request and response messages requires the interaction of two components:

- **Client Application (SOAP Client):** This is your company's application. The client application creates an XML document containing a SOAP request message.
- **Efiling or Acknowledgement Web Service (SOAP Server):** This is the IWD-hosted web service that provides the Efiling/Acknowledgement functionality. Efiling/Acknowledgement listens for SOAP messages, and distributes and interprets SOAP documents.

The client application sends a SOAP request to the Efiling/Acknowledgement service over HTTPS. Upon receiving the request, Efiling/Acknowledgement application processes it and returns a SOAP response with the appropriate status.

## Anatomy of a SOAP Request

A SOAP request is an XML data structure sent to a web service in the form of a document.

A SOAP request sent to the Efiling/Acknowledgement service consists of two main sections: Envelope and Body.

SOAP requests may also include a Header, but one is not required with messages sent to Efiling/Acknowledgement services.

### SOAP Envelope

This section identifies the namespaces that are used by the rest of the message. All requests to Efiling/Acknowledgement service must list these namespaces in the message envelope:

- **SOAP Envelope namespace**

`xmlns:soapenv=http://schemas.xmlsoap.org/soap/envelope/`

Additional namespaces identifying the request data are defined in the envelope of the message. They are mentioned below.

- **Efiling Data Types**

`xmlns:v3=http://www.iowaworkforce.gov/SecureFile/v3/`

- **FSET Data Types**

`xmlns:efil=http://www.irs.gov/efile`

- **Acknowledgement Data Types**

`xmlns:v3=http://www.iowaworkforce.gov/UITAXAckService/v3/`

The following is an example of SOAP message Envelope:

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:v3="http://www.iowaworkforce.gov/SecureFile/v3/" xmlns:efil="http://www.irs.gov/efile">
..... header and body go here. Header will anyway be empty.....
</soapenv:Envelope>
```

## SOAP Body

SOAP Body contains the main payload of the message. It identifies the operation that the application wants the Efilng/Acknowledgement service to perform, and includes multiple XML elements that send the necessary operation parameters.

The following code is an example of a SOAP Body:

```
<soapenv:Body>

  <v3:ProcessWagesRequest>

    <efil:Transmission>

      .....

    </efil:Transmission>

  </v3:ProcessWagesRequest>

</soapenv:Body>
```

### Note:

Along with the technical documentation, IWD would send a compressed file that contains the WSDLs, XML Schema Definition (XSD) files and sample request/response xmls for reference. Please unzip/extract the file to access its contents. Sample file are referred in this document as "Sample file - <File Name>".

## Types of Requests

### **Efiling Web Service Request:**

Sample file - Efiling SOAP request.xml

### **Acknowledgement Web Service Request:**

Sample file - Acknowledgement SOAP request.xml

## Anatomy of a SOAP Response

A SOAP response is an XML document returned from a web service to the SOAP client. The SOAP response document that the Efiling/Acknowledgement service returns is structured like the request except that the Body contains the transaction result.

### Types of Responses

#### **Efiling service**

Sample file - Efiling SOAP response.xml

#### **Acknowledgement service**

Sample file - Acknowledgement SOAP response.xml

## Implementation Process

The client would integrate their application with Efiling/Acknowledgement using a web services application programming interface.

## System Requirements

Your client application (SOAP client) must support the following:

- Document-style SOAP 1.1
- WS-I Basic Profile Version 1.1 compliant services

Since the Efiling/Acknowledgement application program interface (API) runs as a web service, there is nothing that you need to install related to the Efiling/Acknowledgement API. The only software you need to install to use the API is the software for the integrated development environment that you use to write or modify your application.

For example, if you plan to write your client application in Java, you need to install Java and also a

SOAP 1.1 compatible toolkit.

## Implementation Environments

Efiling provides two separate IWD-hosted implementation environments:

### **Staging:**

This environment allows you to test a new integration or test changes to an existing integration. The staging environment is fully functional and is an exact replica of the production environment, allowing you to test all features of your application before going into production.

### **Production:**

This environment is used when you “go live” with your integration.



## Integration Overview

This chapter provides information needed to integrate your client application with the Efiling/Acknowledgement web service.

### The Integration Process

When building an application to interface with the Efiling/Acknowledgement web service, you must connect with the Efiling service's WSDL (web services definition language) using the tools that are available with your software development environment. A WSDL is a document written in XML that describes a web service. It provides all the information that a SOAP client needs to interface with the service, including the location of the web service (known as the end point) and a description of the operations supported by the service.

Your development environment includes a SOAP toolkit. The toolkit can interpret the WSDL to generate code for building SOAP request messages that Efiling/Acknowledgement web service can understand, and consuming SOAP response messages that Efiling/Acknowledgement web service sends to your client application.

#### Connecting to the Efiling/Acknowledgement Web Service

All communication between your application and the Efiling/Acknowledgement web service must use the HTTPS protocol. HTTPS is a secure version of HTTP. It works in the same manner as HTTP, except it provides security and privacy through the use of encryption using SSL (secure sockets layer) connection.

### SOAP Endpoints

The Efiling/Acknowledgement WSDL identifies the SOAP endpoint of the web service. The end point is the URL to which your client application needs to connect. The following identifies the end point for each environment and type of authentication.

#### Staging

Efiling service - <https://test.myiowaui.org/EfilingWebservice/services/SecureFileSOAP/v3>

Acknowledgement service - <https://test.myiowaui.org/EfilingWebservice/services/UITAXAckServiceSOAP/v3>

#### Production

Efiling service - <https://www.myiowaui.org/EfilingWebservice/services/SecureFileSOAP/v3>

Acknowledgement service - <https://www.myiowaui.org/EfilingWebservice/services/UITAXAckServiceSOAP/v3>

### SOAP Wsdl

Wsdl and schemas for Efiling and Acknowledgement services are present in the zip file provided by IWD. Please unzip/extract the files to use them in client software. Please note that the endpoints in the wsdl need to be replaced with what is present in the document depending on the environment.

## Testing Cycle Overview

This chapter provides guidelines to integrate with the IWD staging environment and test the client application.

### Testing Mode

In testing mode, Efiling fully processes the requests and allows you to test your application.

#### **Testing Mode Values**

In testing mode, the element "ProcessType" in the request should have a value of "T".

### SOAP Endpoints

#### **Staging**

Efiling service - <https://test.myiowaui.org/EfilingWebservice/services/SecureFileSOAP/v3>

Acknowledgement service - <https://test.myiowaui.org/EfilingWebservice/services/UITAXAckServiceSOAP/v3>

## Going Live

This chapter provides guidelines to deploy your application in the production environment. This stage is often referred to as going live.

### **Connecting with the Production Environment**

After all desired changes are implemented and tested, you are ready to go live with your application. When you are ready to go live, you need to connect with the production environment rather than the staging environment using the endpoints for production environment.

### **Live Mode Values**

To send a request in live mode, the element "ProcessType" in the request should have a value of "P".

## SOAP Endpoints

### **Production**

Efiling service - <https://www.myiowaui.org/EfilingWebservice/services/SecureFileSOAP/v3>

Acknowledgement service - <https://www.myiowaui.org/EfilingWebservice/services/UITAXAckServiceSOAP/v3>

## API Reference

### Efiling vs Acknowledgement

Efiling web service's function is to do schema validation on the submitted payload and some very basic business validations. A validation failure results in a response with an error code and an error message while a successful submission is indicated by a response containing a success confirmation together with a unique request ID (called Transmission ID) for the submitted payload. Further extensive business processing of the payload is done by a batch process.

Acknowledgement web service is used to check for the processing status of the submitted payload.

### Efiling service

#### Efiling service details

When there are one or more schema validation failures, they are caught by SOAP payload validating interceptor and returned as SOAP fault. The error message is auto-generated by the Java XML Validation API. Business validation is not executed.

When schema validation passes but one or more business validations fail, the response again contains a failure status and a list of error codes and error messages, but this time, there is a specific error code and message for each specific failure. [Here](#) is the complete list. The response also contains a Transmission ID, which uniquely identifies the submitted payload, but unlike with a successful upload, the Transmission ID in this case is only meant to help IWD trace the reason for the failure of a particular payload so that it can assist an employer or agent with correcting that error. The payload is not processed any further and hence the Transmission ID must not be used to inquire the report processing status.

If all schema and business validations pass, the payload is considered to be successfully uploaded. The response contains a success status and a Transmission ID (as discussed above), but in this case, the Transmission ID can be used to inquire the report processing status by calling Acknowledgement service.

## Efiling Error Codes and Messages

Error Code	Element in Error	Error Message
000	StateEINValue	The payload has data for multiple employers.
000	TypeStateEIN	The payload has data for multiple TypeStateEINs which do not match.
000	TIN	The payload has data for multiple ITINs which do not match.
000	StateCode	The payload has data for multiple states which do not match.
000	Taxyear	The payload has data for multiple Years.
000	Quarter	The payload has data for multiple Quarters.
002	ContentLocation	Required attribute content location is invalid
003	EFIN	The originator EFIN is not valid
004	TypeStateEIN	Type of state employer identification number is invalid.
005	StateEINValue	The value of the state employer identification number is invalid.
006	StateEINExtension	The value of the sub-account number is invalid. ReturnData Document Count: <index of the enclosing ReturnData element in the list of ReturnData elements>
007	Report Quarter	Report quarter is empty
009	NumberOfEmployees Month1Employees Month2Employees Month3Employees	or or or Information about total/monthly employee count has not been submitted. The report is not yet submitted.
010	StateEINExtension	The value of the sub-account number is duplicated. ReturnData Document Count: <index of the enclosing ReturnData element in the list of ReturnData elements>
016	Taxyear	The tax year is null or invalid. It must not contain timezone qualifiers or be negative.
102	Taxyear & Quarter	Future quarter/year is submitted.
110	NumberOfEmployees Month1Employees Month2Employees Month3Employees	or or or The number of workers paid wages during each month cannot be greater than the NumberOfEmployees.
111	EFIN & ContentLocation	There is already a record for the given EFIN and content Location. Please modify your content Location.
112	EFIN & ContentLocation	You have exceeded the maximum number of submissions based on the EFIN and Content Location for today. Please modify your Content Location or wait until a future date.
777	ProcessType (Test environment)	Process Type P is invalid.
777	ProcessType (Prod environment)	Process Type T is invalid.

990	StateReturn nodes	ReturnData count and StateReturn count don't match.
991	StateUI nodes	ReturnData count and StateUI count don't match.
992	SSN	The value of SSN field is invalid. It cannot be all zeros.
994	ReturnHeader nodes	ReturnData count and ReturnHeader count don't match.
999	Zip Code	The value of zip code is invalid. It cannot have more than 9 digits.

## Sample Efiling service responses

### **Successful payload upload:**

Sample file - Efiling Response - Success.xml

### **Schema validation failure (when ETIN and Content Location are not in the correct format):**

Sample file - Efiling Response - Schema validation failure.xml

### **Schema validation failure (when the order of ReturnSigner and Contact is reversed):**

Sample file - Efiling Response - Schema validation failure for wrong order.xml

**Note:** If you look at the schema *ReturnHeaderState.xsd*, the elements *ReturnSigner*, *Contact*, *ThirdPartyAuthorization*, *TaxType*, *TaxTypeCode*, *PaymentIncludedElect*, *AuthorizationToDiscussWithPreparerElect*, *SupplementalReturnElect* and *AckAddress* must appear in the same order. So if a SOAP request has *Contact* before *ReturnSigner*, you will see the above error.

### **Business validation failure:**

Sample file - Efiling Response - Business validation failure.xml

## Acknowledgement service

### **Acknowledgement service Details**

The response contains the acknowledgement details of a previously submitted Iowa Quarterly Contribution & Payroll report. If you are an existing consumer of this service, the difference is that the response will now have the payload as a complex element having every field in a separate child element instead of the payload being an xml string within CDATA.

OriginId, which is present only if there is no schema validation or system error, is the same as ContentLocation. TransmissionStatus is a field that is always present in the response and tells the status of the report processing. It can have one of the following four values:

1. I – In Process (Payload submitted successfully through Efiling web service but not yet processed by the backend batch job)
2. INVA – Invalid (No record exists for the given request parameters or a system error has occurred)
3. A – Accepted
4. R – Rejected

The response may additionally contain error and warning codes and messages representing business error and warnings. There can also be errors representing user or system errors. Below is the complete list of all errors and warnings.



## Acknowledgement Errors and Warnings

### Acknowledgment Errors

Error ID	Error Code	Element in Error	Error Message
001	000	EFIN & ContentLocation	No Request found with Parameters passed.
001	009	System error	Unable to return the requested data at this time. Please try again later or call 1-888-848-7442.
	005	StateEINValue	The value of the state employer identification number is invalid.
	005	StateEINValue	The account set up is incomplete. (This is used when account number is partially set up, but not complete.)
	006	StateEINExtension	The value of the sub-account number is invalid. ReturnData DocumentCount: <Document Count>
	008	Account Number (StateEINValue ) & FEIN (TINTypeValue)	Account Number and FEIN do not match.
	101	Already submitted report	Quarter/year that is being submitted already has a status of submitted on My Iowa UI.
	103	Wage Line	Payload contains at least one wage line with no SSN and no First/Last Name.
	104	UITotalWages	Total Wages for the reporting unit <Reporting Unit ID> are greater than 0.00, but no wage lines are submitted.
	105	Wage Line	Payload contains at least one wage line with an invalid SSN.
	106	Duplicate SSN	Payload contains two wage lines with the same SSN for the reporting unit.
	107	Year quarter for which the report was submitted is prior to effective date	Report quarter and year is prior to account effective date. If total wages are zero, there is no need to file a quarterly report. If total wages are greater than zero, contact Iowa Workforce to correct account effective date.
	108	Out of State Wage Line	Payload contains at least one out of state wage line with no SSN, First Name or Last Name.
	647	Duplicate Report Submission	The report for this Account, Year and Quarter has already been submitted.
	648	Reporting Units Information	Information for all the reporting units has not been submitted. The report is not yet submitted
	649	Previous Quarters not submitted	Reports for all the previous quarters have not been submitted. The report is not yet submitted. (This only applies to active employers).
	650	Non-Active Account with 0.00 Total Wages	Account is inactive. If total wages are zero, there is no need to file a quarterly reports. If total wages become greater than zero, a paper report must be submitted.

### *Acknowledgement Warnings*

Warning ID	Warning Code	Element in Error	Warning Message
	651	Total Taxable Wages from Wage Detail	Reported Total Taxable Wages of XXXX do not match calculated Total Taxable Wages of YYYY.

## Sample Acknowledgement service responses

### **SOAP fault response (when Content Location contains more than 29 digits):**

Sample file - Acknowledgement Response - Schema validation failure.xml

### **User error:**

Sample file - Acknowledgement Response - User error.xml

Note: This error is thrown if user tries to fetch data that doesn't exist.

### **Business error:**

Sample file - Acknowledgement Response – Business validation failure.xml

### **Business warning:**

Sample file - Acknowledgement Response – Business validation warning.xml

## Data Types – Efiling schema

Column	Description
<b>Name</b>	Specifies the name of the XML element/ attribute. An attribute will be explicitly denoted as so.
<b>Type</b>	Specifies the name of the data type.
<b>Description</b>	
<b>Required</b>	Specifies whether the parameter is required (Yes/No) and how many times it can be included in a message: <ul style="list-style-type: none"> <li>• 1: Mandatory; must be included once.</li> <li>• 1 or more: Mandatory; must be included at least once.</li> <li>• 0 or 1: Optional; can be included once.</li> <li>• 0 or more: Optional; can be included one or more times.</li> </ul>

### Root element - Transmission

Name	Type	Description	Required
<a href="#">TransmissionHeader</a>	<a href="#">TransmissionHeaderType</a>	Integrated Transmission schema for inclusion in SOAP body	Yes 1
<a href="#">OriginHeaders</a>	<a href="#">OriginHeaders</a>	Contains the PINRegistrationOriginHeader or contains the ReturnOriginHeader	Yes 1 or more
<a href="#">ReturnData</a>	<a href="#">ReturnData</a>	State Return Contents, beginning with Content Location which contains the Business Tracking Number or BTN - consisting of the six <u>character</u> EFIN, seven character <u>Julian</u> date, and seven character unique return identifier	Yes 1 or more

### TransmissionHeaderType

Name	Type	Description	Required
<a href="#">Jurisdiction</a>	<a href="#">xsd:string</a>		Yes 1
<a href="#">TransmissionId</a>	<a href="#">IdType</a>	Use a unique, for you and your system, value that will identify the transmission	Yes 1
<a href="#">Timestamp</a>	<a href="#">xsd:dateTime</a>	The time stamp at the time of transmission	Yes 1
<a href="#">Transmitter</a>	<a href="#">Transmitter</a>		Yes 1
<a href="#">ProcessType</a>	<a href="#">xsd:string</a>	Possible values – {T, P} T stands for Test and P stands for Production	Yes 1
<a href="#">TransmissionManifest</a>	<a href="#">TransmissionManifest</a>	A list of the origin headers in the transmission	No 0 or 1

### IdType

Base Type	Pattern	Description
<a href="#">xsd:string</a>	<a href="#">[A-Za-z0-9:.\-]{1,30}</a>	A <u>timestamp</u> may be used as an ID as long as it is unique within its parent element. Up to 4-decimal fractional digits may be used for the second in a <u>timestamp</u> to increase its uniqueness. Legal Characters: A-Z, a-z, 0-9, colon, period and hyphen. Length – 1-30

## Transmitter

Name	Type	Description	Required
<a href="#">ETIN</a>	<a href="#">ETINType</a>	The ETIN of the transmitter	Yes 1

## ETINType

Base Type	Pattern	Description
<a href="#">xsd:string</a>	<a href="#">[0-9]{5}</a>	Type for Electronic Transmitter Identification No. - 5 digits

## TransmissionManifest

Note: There is a choice between OriginHeaderReference and SelfFilingManifest below, i.e. a TransmissionManifest element can only have either of the following child elements at once but having either of them is a must, which means that you cannot have an empty TransmissionManifest.

Name	Type	Description	Required
<a href="#">OriginHeaderReference</a>	<a href="#">OriginHeaderReference</a>	Tier 3: This is used by Transmitters who are transmitting this payload for Agents aka Originators.	Yes 1 or more
<a href="#">SelfFilingManifest</a>	<a href="#">SelfFilingManifest</a>	Tier 1 and 2: This is used by Transmitters who are the Agent's or a Single Employer.	Yes 1
<a href="#">originHeaderCount</a> - attribute	<a href="#">xsd:positiveInteger</a>	The number of origin headers in this transmission	Yes

## OriginHeaderReference

Name	Type	Description	Required
<a href="#">originId</a> - attribute	<a href="#">IdType</a>	The value of the originId attribute must match the OriginId of this origin. Must be unique within the transmission. Use a unique, for you and your system, value that will identify the grouping of items batched under the Origin.	Yes

## SelfFilingManifest

Name	Type	Description	Required
<a href="#">ItemReference</a>	<a href="#">ItemReference</a>		Yes 1 or more
<a href="#">ItemCount</a> - attribute	<a href="#">xsd:positiveInteger</a>		Yes

## ItemReference

Name	Type	Description	Required
<a href="#">ContentLocation</a> - attribute	Base type - <a href="#">xsd:anyURI</a>  Pattern - <a href="#">[A-Za-z0-9:.-]{1,30}</a>	A combination element consisting of the following information: o 4 digit Business Transaction Number (BTN) o 8 digit UI Account Number (UI_ACCT#) o 8 digit date formatted as: <ul style="list-style-type: none"><li>• 4 digit year</li><li>• 2 digit month</li><li>• 2 digit day</li></ul> o 9 digit unique return identifier UI_ACCT# – An eight digit account number assigned by IWD (beginning with 00)	Yes

## OriginHeaders

Note: There is a choice between PINRegistrationOriginHeader and ReturnOriginHeader below, i.e. an OriginHeaders element can only have either of the following child elements at once but having either of them is a must, which means that you cannot have an empty OriginHeaders.

Name	Type	Description	Required
<a href="#">PINRegistrationOriginHeader</a>	<a href="#">PINRegistrationOriginHeaderType</a>	Indicates PIN registration(s) are transmitted.	Yes 1 or more
<a href="#">ReturnOriginHeader</a>	<a href="#">ReturnOriginHeaderType</a>	Indicates return origin header(s) are transmitted.	Yes 1 or more

## PINRegistrationOriginHeaderType

Base Type: [OriginHeaderType](#)

Additional elements below:

Name	Type	Description	Required
<a href="#">Originator</a>	<a href="#">PINRegistrationOriginator</a>		Yes 1

## OriginHeaderType

Name	Type	Description	Required
<a href="#">OriginId</a>	<a href="#">IdType</a>	Must be unique within the transmission payload	Yes 1
<a href="#">Timestamp</a>	<a href="#">xsd:dateTime</a>	The time stamp at the time the origin was created	Yes 1
<a href="#">OriginManifest</a>	<a href="#">OriginManifest</a>		Yes 1

## OriginManifest

Name	Type	Description	Required
<a href="#">ItemReference</a>	<a href="#">ItemReference</a>		Yes 1 or more
<a href="#">itemCount</a> - attribute	<a href="#">xsd:positiveInteger</a>	The number of items in this origin	Yes

## PINRegistrationOriginator

Name	Type	Description	Required
<a href="#">EFIN</a>	<a href="#">EFINType</a>		Yes 1
<a href="#">Type</a>	<a href="#">OriginatorType</a>		Yes 1

## EFINType

Base Type	Pattern	Description
<a href="#">xsd:string</a>	<a href="#">[0-9]{6}</a>	Type for Electronic Filing Identification No. - 6 digits

## OriginatorType

Base Type	Possible Values	Description
<a href="#">xsd:string</a>	{ <a href="#">ERO</a> , <a href="#">OnlineFiler</a> , <a href="#">ReportingAgent</a> , <a href="#">IRSAgent</a> , <a href="#">FinancialAgent</a> , <a href="#">LargeTaxPayer</a> }	The type of originator

## ReturnOriginHeaderType

Base Type: [OriginHeaderType](#)

Additional elements below:

Name	Type	Description	Required
<a href="#">Originator</a>	<a href="#">ReturnOriginator</a>		Yes 1
<a href="#">ReportingAgent Signature</a>	<a href="#">ReportingAgent Signature</a>	Use only if you are approved by the IRS to sign for all the Returns referenced by this ReturnOriginHeader Manifest.	No 0 or 1
<a href="#">ISPNumber</a>	<a href="#">SBINType</a>		No 0 or 1

## ReturnOriginator

Note: There is a choice between AgentIdentifier and EFIN-Type below, i.e. a ReturnOriginator can either have an AgentIdentifier or a combination of EFIN and Type at once, but not all three of them together. EFIN and Type always have to exist together. Also, these are required elements which means that you cannot have an empty element of type ReturnOriginator.

Name	Type	Description	Required
<a href="#">AgentIdentifier</a>	<a href="#">xsd:string</a>	Max length = 8	Yes 1
<a href="#">EFIN</a>	<a href="#">EFINType</a>		Yes 1
<a href="#">Type</a>	<a href="#">OriginatorType</a>		Yes 1

## ReportingAgentSignature

Name	Type	Description	Required
<a href="#">PIN</a>	<a href="#">PINTypeState</a>		Yes 1

## PINTypeState

Base Type	Description
<a href="#">xsd:string</a>	Type for Reporting Agent PIN. State issued PIN - 15 <u>alphanumeric</u> maximum. No special characters

## SBINType

Base Type	Pattern	Description
<a href="#">xsd:string</a>	<a href="#">[A-Z0-9]{6}</a>	Type for Service Bureau Identification No. - 6 <u>uppercase</u> alphanumeric characters

## ReturnData

Base Type - [ItemType](#)

Name	Type	Description	Required
<a href="#">ReturnHeader State</a>	<a href="#">ReturnHeader State</a>	FSET Schema - Return header schema for a state return	No 0 or 1
<a href="#">StateReturn</a>	<a href="#">StateReturn</a>	FSET Employer's Quarterly State Tax Return	Yes 1
<a href="#">StatePayment</a>	<a href="#">StatePayment</a>	FSET Employer's Quarterly State Tax Return. <b>Note:</b> This is a deprecated field. Please don't send!	No 0 or 1
<a href="#">documentCount</a> - attribute	<a href="#">xsd:positive Integer</a>	The number of return documents in the return	Yes

## ItemType

Name	Type	Description	Required
<a href="#">ContentLocation</a>	<a href="#">IdType</a>	A combination element consisting of the following information: o 4 digit Business Transaction Number (BTN) o 8 digit UI Account Number (UI_ACCT#) o 8 digit date formatted as: <ul style="list-style-type: none"> <li>4 digit year</li> <li>2 digit month</li> <li>2 digit day</li> </ul> o 9 digit unique return identifier UI_ACCT# – An eight digit account number assigned by IWD (beginning with 00)	No 0 or 1

## ReturnHeaderState

Base Type - [ReturnHeaderStateType](#)

Name	Type	Description	Required
<a href="#">documentId</a> - attribute	<a href="#">IdType</a>	Must be unique within the return	Yes

## ReturnHeaderStateType

Description: Content model for ReturnHeader94x

Note: There is a choice between BusinessNameControl and CheckDigit fields below, i.e. there can be only either of these fields present at once. Also, these are optional fields, hence it is possible for an element of type ReturnHeaderStateType to have neither of these fields.

Base Type: [ReturnHeaderType](#)

Name	Type	Description	Required
<a href="#">SoftwareId</a>	<a href="#">SoftwareIdType</a>	The Software ID - 8 digits	No 0 or 1
<a href="#">ReturnType</a>	<a href="#">xsd:string</a>  values – { <a href="#">StateUI</a> , <a href="#">StateWH</a> , <a href="#">StateAnnual</a> , <a href="#">StateCombined</a> , <a href="#">StatePayment</a> }	StateUI, StateWithholding, StateAnnual, StateCombined, StatePayment	Yes 1
<a href="#">Form</a>	<a href="#">xsd:string</a>	ID of tax form for this filing type	No 0 or 1
<a href="#">FilingAction</a>	<a href="#">FilingAction</a>		Yes 1
<a href="#">TIN</a>	<a href="#">TINType</a>	Either Federal Employer Identification Number or Social Security Number	Yes 1
<a href="#">OtherTIN</a>	<a href="#">OtherTINType</a>	Other Federal Employer Identification Number or Social Security Number	No 0 or more
<a href="#">StateEIN</a>	<a href="#">StateEINType</a>	Defines a state account number type	No 0 or more
<a href="#">FIPSCode</a>	<a href="#">xsd:string</a> max length = 2	FIPS code of state receiving return	No 0 or 1
<a href="#">StateCode</a>	<a href="#">StateType</a>	Standard abbreviation of state receiving return	No 0 or 1
<a href="#">EmployerHealth-InsuranceCode</a>	<a href="#">xsd:string</a>	Employer health insurance code	No 0 or 1
<a href="#">BusinessNameControl</a>	<a href="#">BusinessNameControlType</a>	Used for a Name Control	No 0 or 1
<a href="#">CheckDigit</a>	<a href="#">CheckDigitType</a>	2 <u>uppercase</u> characters	No 0 or 1
<a href="#">BusinessAddress</a>	<a href="#">BusinessAddressType</a>		No 0 or 1
<a href="#">DeliveryAddress</a>	<a href="#">BusinessAddressType</a>		No 0 or 1
<a href="#">LocationAddress</a>	<a href="#">BusinessAddressType</a>		No 0 or 1



<a href="#">DoingBusinessAs</a>	<a href="#">BusinessAddressType</a>		No 0 or 1
<a href="#">AddressChangeElect</a>	<a href="#">CheckboxType</a>		No 0 or 1
<a href="#">HouseholdEmployerElect</a>	<a href="#">CheckboxType</a>		No 0 or 1
<a href="#">OfficerCode</a>	<a href="#">xsd:string</a>		No 0 or 1
<a href="#">Preparer</a>	<a href="#">Preparer</a>		No 0 or 1
<a href="#">ReturnSigner</a>	<a href="#">ReturnSigner</a>		No 0 or 1
<a href="#">Contact</a>	<a href="#">Contact</a>		No 0 or 1
<a href="#">ThirdPartyAuthorization</a>	<a href="#">ThirdPartyAuthorization</a>		No 0 or 1
<a href="#">TaxType</a>	<a href="#">TaxType</a>	Tax type family	No 0 or 1
<a href="#">TaxTypeCode</a>	<a href="#">xsd:string</a>	FTA 5-digit Tax type codes are preferred	No 0 or 1
<a href="#">PaymentIncludedElect</a>	<a href="#">CheckboxType</a>		No 0 or 1
<a href="#">AuthorizationToDiscuss-WithPreparerElect</a>	<a href="#">CheckboxType</a>		No 0 or 1
<a href="#">SupplementalReturnElect</a>	<a href="#">CheckboxType</a>		No 0 or 1
<a href="#">AckAddress</a>	<a href="#">EmailAddressType</a>	Email address where <u>acknowledgements</u> will be sent	No 0 or 1

#### ReturnHeaderType

Name	Type	Description	Required
<a href="#">ElectronicPostmark</a>	<a href="#">ElectronicPostmark</a>	The party whose date determines whether the return is timely filed.	No 0 or 1
<a href="#">TaxPeriodBeginDate</a>	<a href="#">xsd:date</a>		No 0 or 1
<a href="#">TaxPeriodEndDate</a>	<a href="#">xsd:date</a>		No 0 or 1
<a href="#">DisasterRelief</a>	<a href="#">LineExplanationType</a>		No 0 or 1
<a href="#">ISPNumber</a>	<a href="#">SBINType</a>		No 0 or 1
<a href="#">PreparerFirm</a>	<a href="#">BusinessAddressType</a>		No 0 or 1
<a href="#">Quarter</a>	<a href="#">QuarterType</a>	Quarter Number: 1,2,3,4	No 0 or 1
<a href="#">ReturnQuarter</a>	<a href="#">QuarterType</a>	Quarter Number: 1,2,3,4	No 0 or 1
<a href="#">DueDate</a>	<a href="#">xsd:date</a>		No 0 or 1
<a href="#">DateReceived</a>	<a href="#">xsd:date</a>		No 0 or 1
<a href="#">Taxyear</a>	<a href="#">xsd:gYear</a>	4-digit year	No 0 or 1

#### ElectronicPostmark

Base Type - [xsd:dateTime](#)

Name	Type	Values	Required
<a href="#">DateSupplier</a> - attribute	<a href="#">xsd:string</a>	{ <a href="#">Originator</a> , <a href="#">Transmitter</a> }	Yes 1

#### LineExplanantionType

Base Type	Pattern	Max length	Description
<a href="#">xsd:string</a>	Legal Characters: printable characters from &#x21; to &#x7E; plus symbols from &#x00A1; to &#x00BF; plus Spanish characters and single space. Illegal Character: leading space, trailing space, adjacent spaces.	100	A one-line explanation field that allows up to 100 characters.

### BusinessAddressType

Description: Base type for all business addresses.

Name	Type	Description	Required
<a href="#">BusinessName</a>	<a href="#">BusinessNameStringType</a>	Enter business name	No 0 - 2
<a href="#">AddressLine</a>	<a href="#">String256Type</a>	Enter business street address	No 0 - 3
<a href="#">City</a>	<a href="#">String256Type</a>	Enter business city	No 0 or 1
<a href="#">StateOr Province</a>	<a href="#">String256Type</a>	Enter business state or <u>province</u> <u>abbreviation</u>	No 0 or 1
<a href="#">ZipCode</a>	<a href="#">ZipCodeType</a>	Enter business <u>zip</u> code	No 0 or 1
<a href="#">PhoneNumber</a>	<a href="#">PhoneNumberType</a>		No 0 or 1
<a href="#">TIN</a>	<a href="#">TINType</a>	Either Federal Employer Identification Number or Social Security Number	No 0 or 1

### ZipCodeType

Base Type	Pattern	Description
<a href="#">xsd:string</a>	<a href="#">[0-9]{5}(((0-9){4}) ((0-9){7}))?</a>	ZIP Code - 5 digits plus optional 4 or 7 digits

### PhoneNumberType

Base Type	Pattern	Description
<a href="#">xsd:string</a>	<a href="#">[0-9]{10}</a>	Used for a phone no. - 10 digits

### TINType

Description: Defines the primary TIN used

Name	Type	Pattern/Values	Description	Required
<a href="#">TypeTIN</a>	<a href="#">xsd:string</a>	{ <i>FEIN</i> , <i>SSN</i> }	Defines the Federal Taxpayer Identification Number Type	Yes 1
<a href="#">TINType Value</a>	<a href="#">xsd:string</a>	<a href="#">[0-9]{9}</a>	Either Federal Employer Identification Number or Social Security Number	Yes 1

### QuarterType

Base Type	Pattern	Description
<a href="#">xsd:string</a>	<a href="#">[1-4]{1}</a>	The number of the quarter: 1,2,3,4

### SoftwareIdType

Base Type	Pattern	Description
<a href="#">xsd:string</a>	<a href="#">[0-9]{8}</a>	The Software ID - 8 digits

## FilingAction

Name	Type	Values	Required
Action	xsd:string	{ <i>Original, Amended, Supplemental</i> }	Yes 1
Reason	<a href="#">String256Type</a>		No 0 or 1

## OtherTINType

Description - Defines Other TINs used

Name	Type	Description	Required
OtherTypeTIN	xsd:string  values – { <i>Previous TIN, Parent TIN, Other</i> }	Defines the Federal Taxpayer Identification Number Type	Yes 1
OtherTINType Value	xsd:string  [0-9]{9}	Either Federal Employer Identification Number or Social Security Number	Yes 1

## StateEINType

Name	Type	Description	Required
TypeStateEIN	xsd:string	Defines the State Employer Identification Number Type. Values – { <i>WithholdingAccountNo, UIAccountNo, StateControlNo, EFileAccountNo, EFTAccountNo, StateRegistrationNo, StateAccountID, CentralRegistrationNumber</i> }	Yes 1
StateEINValue	xsd:string	Defines the State Employer Identification Number <b>Note:</b> For IWD, this is an 8 digit number. If employer account number is less than 8 digits, then it should be left padded with zeroes.	Yes 1
StateEIN Extension	xsd:string	Sub-account numbers to identify multiple locations and subsidiaries (plant identifier for reporting)	Yes 1 or more

## StateType

Description - State abbreviations, a.k.a. state codes

Type - [xsd:string](#)

Value	Name
AL	Alabama
AK	Alaska
AS	American Samoa
AZ	Arizona
AR	Arkansas
CA	California
CO	Colorado
CT	Connecticut
DE	Delaware
DC	District of Columbia
FM	Federated States of Micronesia
FL	Florida
GA	Georgia
GU	Guam
HI	Hawaii
ID	Idaho
IL	Illinois

<a href="#">IN</a>	Indiana
<a href="#">IA</a>	Iowa
<a href="#">KS</a>	Kansas
<a href="#">KY</a>	Kentucky
<a href="#">LA</a>	Louisiana
<a href="#">ME</a>	Maine
<a href="#">MH</a>	Marshall Islands
<a href="#">MD</a>	Maryland
<a href="#">MA</a>	Massachusetts
<a href="#">MI</a>	Michigan
<a href="#">MN</a>	Minnesota
<a href="#">MS</a>	Mississippi
<a href="#">MO</a>	Missouri
<a href="#">MT</a>	Montana
<a href="#">NE</a>	Nebraska
<a href="#">NV</a>	Nevada
<a href="#">NH</a>	New Hampshire
<a href="#">NJ</a>	New Jersey
<a href="#">NM</a>	New Mexico
<a href="#">NY</a>	New York
<a href="#">NC</a>	North Carolina
<a href="#">ND</a>	North Dakota
<a href="#">MP</a>	North Mariana Islands
<a href="#">OH</a>	Ohio
<a href="#">OK</a>	Oklahoma
<a href="#">OR</a>	Oregon
<a href="#">PW</a>	Palau
<a href="#">PA</a>	Pennsylvania
<a href="#">PR</a>	Puerto Rico
<a href="#">RI</a>	Rhode Island
<a href="#">SC</a>	South Carolina
<a href="#">SD</a>	South Dakota
<a href="#">TN</a>	Tennessee
<a href="#">TX</a>	Texas
<a href="#">UT</a>	Utah
<a href="#">VT</a>	Vermont
<a href="#">VI</a>	Virgin Islands
<a href="#">VA</a>	Virginia
<a href="#">WA</a>	Washington
<a href="#">WV</a>	West Virginia
<a href="#">WI</a>	Wisconsin
<a href="#">WY</a>	Wyoming
<a href="#">AA</a>	Armed Forces the Americas
<a href="#">AE</a>	Armed Forces Europe
<a href="#">AP</a>	Armed Forces Pacific

#### BusinessNameControlType

Type	Pattern	Description
<a href="#">xsd:string</a>	<a href="#">([A-Z0-9\-\_]\&amp;\#x26;){1,4}</a>	Legal Characters: A-Z, 0-9, hyphen and ampersand. Illegal Character: spaces and symbols.

#### CheckDigitType

Type	Pattern	Description
<a href="#">xsd:string</a>	<a href="#">[A-Z]{2}</a>	Used for a Check Digit field. 2 <u>uppercase</u> characters.

#### CheckboxType

Type	Value	Description
<a href="#">xsd:string</a>	<a href="#">X</a>	Typically used by an optional <u>checkbox</u>

#### Preparer

Note: There is a choice between SSN and PTIN fields below, i.e. there can be only either of these fields at once. And since these are required fields, a Preparer element has to have either of these at any given time.

Name	Type	Description	Required
<a href="#">Name</a>	<a href="#">PersonNameType</a>		No 0 or 1
<a href="#">SSN</a>	<a href="#">SSNType</a>		Yes 1
<a href="#">PTIN</a>	<a href="#">PTINType</a>		Yes 1
<a href="#">Phone</a>	<a href="#">PhoneNumberType</a>		No 0 or 1
<a href="#">EmailAddress</a>	<a href="#">EmailAddressType</a>		No 0 or 1
<a href="#">SelfEmployedElect</a>	<a href="#">CheckboxType</a>		No 0 or 1

#### PersonNameType

Type	Pattern	Max length	Description
<a href="#">xsd:string</a>	<a href="#">([A-Za-z0-9\-\-] ?)*[A-Za-z0-9\-\-]</a>	35	Typically used for a person's name. Legal Characters: A-Z, a-z, 0-9, hyphen, apostrophe and single space. Illegal Character: leading space, trailing space, adjacent spaces, and other symbols.

#### FirstNameType

Type	Pattern	Max length	Description
<a href="#">xsd:string</a>	<a href="#">([A-Za-z0-9\-\-] ?)*[A-Za-z0-9\-\-]</a>	30	Typically used for a person's name. Legal Characters: A-Z, a-z, 0-9, hyphen, apostrophe and single space. Illegal Character: leading space, trailing space, adjacent spaces, and other symbols.

#### LastNameType

Type	Pattern	Max length	Description
<a href="#">xsd:string</a>	<a href="#">([A-Za-z0-9\-\-] ?)*[A-Za-z0-9\-\-]</a>	30	Typically used for a person's name. Legal Characters: A-Z, a-z, 0-9, hyphen, apostrophe and single space. Illegal Character: leading space, trailing space, adjacent spaces, and other symbols.

#### MiddleInitialType

Type	Pattern	Max length	Description
<a href="#">xsd:string</a>	<a href="#">([A-Za-z0-9\-\-] ?)*[A-Za-z0-9\-\-]</a>	1	Typically used for a person's name. Legal Characters: A-Z, a-z, 0-9, hyphen, apostrophe and single space. Illegal Character: leading space, trailing space, adjacent spaces, and other symbols.

#### SSNType

Type	Pattern	Description
<a href="#">xsd:string</a>	<a href="#">[0-9]{9}</a>	Type for Social Security No. - 9 digits

#### PTINType

Type	Pattern	Description
<a href="#">xsd:string</a>	<a href="#">P[0-9]{8}</a>	Type for Preparer Personal Identification No. - P followed by 8 digits

#### EmailAddressType



<a href="#">LastName</a>	<a href="#">LastNameType</a>	Enter individual's last name	No 0 or 1
<a href="#">Suffix</a>	<a href="#">String256Type</a>	Enter individual's suffix. For example: Sr. Jr.	No 0 or 1
<a href="#">FullName</a>	<a href="#">String256Type</a>	Enter individual's prefix, first name, last name and suffix	No 0 or 1
<a href="#">StreetAddress</a>	<a href="#">String256Type</a>	Enter individual's street address	No 0 or 1
<a href="#">City</a>	<a href="#">String256Type</a>	Enter individual's city	No 0 or 1
<a href="#">StateOrProvince</a>	<a href="#">xsd:string</a> <i>max length = 2</i>	Enter individual's state or province	No 0 or 1
<a href="#">ZipCode</a>	<a href="#">ZIPCodeType</a>	Enter individual's <u>zip</u> code	No 0 or 1
<a href="#">PhoneNumber</a>	<a href="#">PhoneNumberType</a>		No 0 or 1

### String256Type

Type	Max length
<a href="#">xsd:string</a>	256

### BusinessNameStringType

Type	Max length
<a href="#">xsd:string</a>	80

### ThirdPartyAuthorization

Name	Type	Description	Required
<a href="#">AuthorizeThirdPartyElect</a>	<a href="#">CheckboxType</a>		Yes 1
<a href="#">DesigneeName</a>	<a href="#">PersonNameType</a>		Yes 1
<a href="#">DesigneePhone</a>	<a href="#">PhoneNumberType</a>		Yes 1
<a href="#">DPIN</a>	<a href="#">DPINType</a>		Yes 1

### DPINType

Type	Pattern	Description
<a href="#">xsd:string</a>	<a href="#">[A-Za-z0-9]{5}</a>	Type for Third Party <u>Designee</u> Personal Identification No. - 5 alphanumeric characters

### TaxType

Type	Values	Description
<a href="#">xsd:string</a>	{ <a href="#">Employment</a> , <a href="#">Sales</a> , <a href="#">Corporate</a> }	Tax type family

### StateReturn

Name	Type	Description	Required
<a href="#">StateUI</a>	<a href="#">StateUI</a>	State UI excluding supporting info	Yes 1

## StateUI

Base Type - [StateUIType](#)

Name	Type	Description	Required
<a href="#">documentId</a> - attribute	<a href="#">IdType</a>	Must be unique within the return	Yes
<a href="#">documentType</a> - attribute	<a href="#">xsd:string</a>  Fixed value = <a href="#">Form</a>	IRS internal use only. To avoid error in the return, do not include the attribute name or value.	Yes
<a href="#">documentName</a> - attribute	<a href="#">xsd:string</a>  Fixed value = <a href="#">FSET StateUI</a>	To avoid error in the return, do not include the attribute name or value.	Yes

## StateUIType

Name	Type	Description	Required
<a href="#">ReturnHeader</a>	<a href="#">ReturnHeader</a> <a href="#">StateType</a>	Optional Return Header	No 0 or 1
<a href="#">FinalReturnElect</a>	<a href="#">CheckboxType</a>	Indicates this is a final return	No 0 or 1
<a href="#">AmendedReturnElect</a>	<a href="#">AmendedReturnElect</a>	Indicates this is an amended return	No 0 or 1
<a href="#">DateFinalWagesPaid</a>	<a href="#">xsd:date</a>	Date final wages paid	No 0 or 1
<a href="#">SeasonalEmployerElect</a>	<a href="#">CheckboxType</a>	Indicates a seasonal employer	No 0 or 1
<a href="#">ReimbursableEmployerElect</a>	<a href="#">CheckboxType</a>	Indicates a <u>reimbursable</u> employer	No 0 or 1
<a href="#">WagePlan</a>	<a href="#">xsd:string</a>  <a href="#">length</a> = 1	Name of employer wage plan	No 0 or 1
<a href="#">NoPayrollElect</a>	<a href="#">CheckboxType</a>	Indicates no payroll this filing period	No 0 or 1
<a href="#">UITotalWages</a>	<a href="#">DecimalNNTType</a>  <a href="#">total digits</a> = 15	State quarterly unemployment insurance total wages	Yes 1
<a href="#">ExcessWages</a>	<a href="#">DecimalNNTType</a>  <a href="#">total digits</a> = 15	Quarterly wages in excess of the state U.I. taxable wage base	No 0 or 1
<a href="#">UITaxableWages</a>	<a href="#">DecimalNNTType</a>  <a href="#">total digits</a> = 15	State quarterly unemployment insurance total taxable wages	Yes 1
<a href="#">ContributionRate</a>	<a href="#">Decimal3Type</a>	The employer U.I. tax rate for this reporting period. Decimal point followed by 3 digits, e.g., 2.8% = .028	Yes 1
<a href="#">ContributionDue</a>	<a href="#">DecimalNNTType</a>  <a href="#">total digits</a> = 10	U.I. taxes due. Quarterly state U.I. taxable wages times U.I. tax rate	Yes 1
<a href="#">SurchargeRate</a>	<a href="#">Decimal3Type</a>	The employer U.I. tax <u>surcharge</u> rate for this reporting period. Decimal point followed by 3 digits, e.g., 2.8% = .028	No 0 or 1
<a href="#">SurchargeDue</a>	<a href="#">DecimalNNTType</a>  <a href="#">total digits</a> = 10	U.I. tax <u>surcharge</u> due. Quarterly state U.I. taxable wages times U.I. tax <u>surcharge</u>	No 0 or 1
<a href="#">DIContributionRate</a>	<a href="#">Decimal3Type</a>	Disability Insurance contribution rate	No 0 or 1
<a href="#">DIContributionDue</a>	<a href="#">DecimalNNTType</a>  <a href="#">total digits</a> = 10	Disability Insurance contribution	No 0 or 1



<i>VoluntaryDI ContributionDue</i>	<a href="#"><u>DecimalINNTType</u></a>  total digits = 10	Voluntary Disability Insurance contribution	No 0 or 1
<i>TrainingFund Contribution</i>	<a href="#"><u>DecimalINNTType</u></a>  total digits = 10	Training Fund contribution	No 0 or 1
<i>TotalContingency AssessmentDue</i>	<a href="#"><u>DecimalINNTType</u></a>  total digits = 10		No 0 or 1
<i>UIAmountPaid</i>	<a href="#"><u>DecimalINNTType</u></a>  total digits = 15	UI Amount Paid	Yes 1
<i>UIAmountDue PreviousPeriod</i>	<a href="#"><u>DecimalINNTType</u></a>  total digits = 15	UI Tax from previous quarter(s)	No 0 or 1
<i>UICredit PreviousPeriod</i>	<a href="#"><u>DecimalINNTType</u></a>  total digits = 15	Credit from previous quarter(s)	No 0 or 1
<i>UIInterest</i>	<a href="#"><u>DecimalINNTType</u></a>  total digits = 14	Interest	No 0 or 1
<i>InterestPaid</i>	<a href="#"><u>DecimalINNTType</u></a>  total digits = 14	Interest paid	No 0 or 1
<i>UIPenalty</i>	<a href="#"><u>DecimalINNTType</u></a>  total digits = 14	Penalty	No 0 or 1
<i>PenaltyPaid</i>	<a href="#"><u>DecimalINNTType</u></a>  total digits = 14	Penalty paid	No 0 or 1
<i>UITotalDue</i>	<a href="#"><u>DecimalINNTType</u></a>  total digits = 15	Total Payment Due	Yes 1
<i>CreditWeeks</i>	<a href="#"><u>DecimalINNTType</u></a>  total digits = 15	Credit weeks. State defined.	No 0 or 1
<i>PayRoll</i>	<a href="#"><u>PayRollType</u></a>		No 0 or 1
<i>NumberOfEmployees</i>	<i>xsd:non NegativeInteger</i>  total digits = 7	Number of <u>Employess</u> Worked this Quarter	No 0 or 1
<i>Month1Employees</i>	<i>xsd:non NegativeInteger</i>  total digits = 7	Total number of employees covered by U.I. who worked or received pay for the pay period including the 12th day of the 1st month of the reporting period.	No 0 or 1
<i>Month2Employees</i>	<i>xsd:non NegativeInteger</i>  total digits = 7	Total number of employees covered by U.I. who worked or received pay for the pay period including the 12th day of the 2nd month of the reporting period.	No 0 or 1
<i>Month3Employees</i>	<i>xsd:non NegativeInteger</i>  total digits = 7	Total number of employees covered by U.I. who worked or received pay for the pay period including the 12th day of the 3rd month of the reporting period.	No 0 or 1

<a href="#">Payment</a>	<a href="#">StatePaymentType</a>	This is a deprecated field. Please don't send!	No 0 or 1
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## AmendedReturnElect

Base Type - [CheckboxType](#)

Name	Type	Fixed Value	Required
<a href="#">documentReference</a> - attribute	<a href="#">xsd:string</a>	<a href="#">Amended Return Explanation</a>	Yes

## DecimalNNTType

Type	Fraction digits	Min. value	Description
<a href="#">xsd:decimal</a>	2	0.00	2-digit decimal typically used by a non-negative decimal amount field

## Decimal3Type

Type	Total digits	Fraction digits	Description
<a href="#">xsd:decimal</a>	6	3	Base type for decimal 3

## PayRollType

Description - Base type for payroll [listing](#)

Name	Type	Description	Required
<a href="#">Employee</a>	<a href="#">EmployeeType</a>		Yes 1 or more
<a href="#">EmployeeName Format</a>	<a href="#">xsd:string</a>	Employee name format. For example: full name	No 0 or 1

## EmployeeType

Description - Base type to record employee specific tax filing information

Name	Type	Description	Required
<a href="#">SSN</a>	<a href="#">SSNType Optional</a>	Enter employee social security number, no spaces or dashes. Or leave field as empty.	Yes 1
<a href="#">Employee</a>	<a href="#">IndividualNameType</a>	Contact information for the employee	Yes 1
<a href="#">TotalWages</a>	<a href="#">Decimal10Type</a>	Enter total employee wages, tips and other compensation	No 0 or 1
<a href="#">TaxableWages</a>	<a href="#">Decimal10Type</a>	Total employee wages, tips and other compensation subject to tax	No 0 or 1
<a href="#">TaxWithheld</a>	<a href="#">Decimal10Type</a>	Employee taxes withheld	No 0 or 1
<a href="#">Employee Contribution</a>	<a href="#">Decimal10Type</a>	Employee UI contribution	No 0 or 1
<a href="#">TypeOf Employment</a>	<a href="#">xsd:string</a>	Enter type of employment. For Example full time, part time, seasonal.	No 0 or 1
<a href="#">TaxState</a>	<a href="#">xsd:string</a>	Enter state where tax is incurred	No 0 or 1
<a href="#">OutOfState Wages</a>	<a href="#">OutOfStateWages</a>	Breakdown of wage information for secondary state(s)	No 0 - 50

## SSNTypeOptional

Type	Pattern	Description
<a href="#">xsd:string</a>	<a href="#">[0-9]{9}</a> <i>Min length = 1</i>	Type for Social Security No. - 9 digits or it can be empty. No spaces allowed.

#### Decimal10Type

Base Type	Total digits	Description
<a href="#">DecimalType</a>	10	Base type for decimal 10

#### DecimalType

Type	Fraction Digits	Description
<a href="#">xsd:decimal</a>	2	2-digit decimal typically used by a decimal amount field

#### OutOfStateWages

Name	Type	Description	Required
<a href="#">TotalWages</a>	<a href="#">Decimal10Type</a>	Enter Total employee wages, tips and other compensation	Yes 1
<a href="#">TaxableWages</a>	<a href="#">Decimal10Type</a>	Enter Taxable employee wages, tips and other <u>compensation</u> subject to tax	Yes 1
<a href="#">TaxState</a>	<a href="#">xsd:string</a>	Enter state where wages incurred	Yes 1