

# Resource Typing Library Tool

Web Service Documentation for Version 1.0

*January 2014*

## Table of Contents

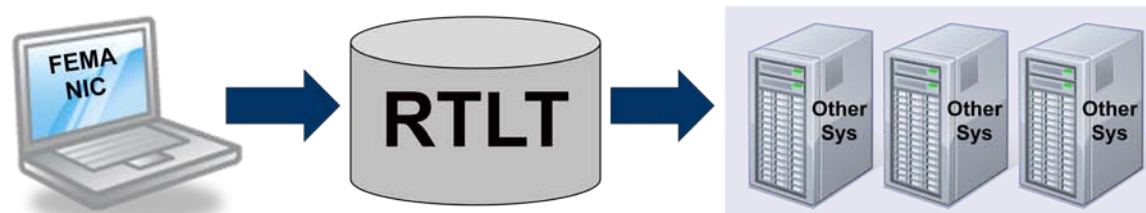
Overview .....	4
Resource Typing Definition Web Service .....	4
Web Service Overview .....	4
Web Service URLs .....	4
GetHeaders Method .....	5
Method Signature .....	5
Description .....	5
Parameters.....	5
Example XML Result.....	5
Properties of DefinitionHeaderSet Type.....	6
Properties of DefinitionHeader Type .....	6
GetAll Method.....	6
Method Signature .....	6
Description .....	6
Parameters.....	7
Example XML Result.....	7
Properties of ResourceDefinitionSet Type.....	8
Properties of ResourceDefinition Type .....	9
Properties of ResourceCapability Type .....	10
Properties of ResourceCapabilityType Type .....	10
Properties of ResourceComment Type.....	10
Properties of ResourceReference Type .....	10
Get Method.....	11
Method Signature .....	11
Description .....	11
Parameters.....	11
Example XML Result.....	11
Properties of ResourceDefinitionResult Type.....	11
Position Qualification Web Service.....	12
Web Service Overview .....	12
Web Service URLs .....	12

GetHeaders Method .....	12
Method Signature .....	12
Description .....	12
Parameters.....	12
Example XML Result.....	13
Properties of DefinitionHeaderSet Type.....	13
Properties of DefinitionHeader Type .....	13
GetAll Method.....	14
Method Signature .....	14
Description .....	14
Parameters.....	14
Example XML Result.....	14
Properties of PositionDefinitionSet Type.....	16
Properties of PositionDefinition Type.....	16
Properties of PositionType Type .....	17
Properties of PositionCategory Type .....	18
Properties of PositionCategoryType Type .....	18
Properties of PositionOrdering Type .....	18
Properties of PositionReference Type .....	18
Get Method.....	18
Method Signature .....	18
Description .....	18
Parameters.....	19
Example XML Result.....	19
Properties of PositionDefinitionResult Type.....	19

## Overview

The Resource Typing Library Tool (RTLT) is a free online catalogue of national Resource Typing Definitions and Position Qualifications. RTLT provides individuals and organizations with access to the latest Resource Typing Definitions and Position Qualifications.

RTLT is intended to serve as a central data source for Resource Typing Definitions and Position Qualifications. While RTLT has an online user interface for searching and retrieving Definitions/Qualifications, the RTLT web service provides programmatic access to the Definition/Qualification data for consumption by third-party systems.



RTLT provides two basic SOAP web services for read-only access to RTLT data:

- 1) A web service for accessing published Resource Typing Definition
- 2) A web service for accessing published Position Qualifications

## Resource Typing Definition Web Service

### Web Service Overview

RTLT provides a basic SOAP web service for retrieving Resource Typing Definitions. The SOAP web service has three methods: `GetHeaders`, `GetAll`, and `Get`. `GetHeaders` and `GetAll` provide paginated result sets (50 items per page) based on a date-time range of when the definitions were last updated. `Get` provides definition data based on its unique ID.

### Web Service URLs

**WSDL:** <http://rtlt.ptaccenter.org/WebServices/DefinitionResourceSoapService.svc?wsdl>

**WSDL (Single File):** <http://rtlt.ptaccenter.org/WebServices/DefinitionResourceSoapService.svc?singleWsdL>

**Endpoint:** <http://rtlt.ptaccenter.org/WebServices/DefinitionResourceSoapService.svc/WebServices/soap>

## GetHeaders Method

### Method Signature

`DefinitionHeaderSet GetHeaders(string updatedFrom, string updatedTo, int page);`

### Description

The `GetHeaders` method provides paginated result sets (50 items per page) based on a date-time range of when the definitions were last updated. The `GetHeaders` method returns a list of Resource Typing Definition objects in digest/summary format. Systems may want use `GetHeaders` to preview the pending updates in a compact header format before downloading the full data objects using the `GetAll` method. Systems must pass a page number parameter to the `GetHeaders` method for each page of the result set to retrieve the full dataset.

### Parameters

Parameter	Type	Example	Description
updatedFrom	String	2013-10-20 18:08:11	Beginning of DateTime range when a definition was last updated (can be left null/empty for an open-ended range).
updatedTo	String	2013-12-13 20:10:14	Ending of DateTime range when a definition was last updated (can be left null/empty for an open-ended range).
page	Integer	2	Page of result set to return.

### Example XML Result

```
<DefinitionHeaderSet xmlns=http://schemas.datacontract.org/2004/07/Rtlt.Service
  xmlns:i="http://www.w3.org/2001/XMLSchema-instance">
  <Status>Successfully retrieved 2 definition(s).</Status>
  <ItemCount>2</ItemCount>
  <PageCount>1</PageCount>
  <Page>1</Page>
  <Headers xmlns:a="http://schemas.datacontract.org/2004/07/Rtlt.Core.Model">
    <a:DefinitionHeader>
      <a:FemaId>7-508-1065</a:FemaId>
      <a:Name>Air Conditioner/ Heater</a:Name>
      <a:Status>Published</a:Status>
```

```

</a:DefinitionHeader>
<a:DefinitionHeader>
  <a:FemaId>7-508-1113</a:FemaId>
  <a:Name>Wood Tub Grinder</a:Name>
  <a:Status>Published</a:Status>
</a:DefinitionHeader>
...
</Headers>
</DefinitionHeaderSet>

```

### Properties of DefinitionHeaderSet Type

Property	Type	Description
Status	String	Status of service method.
ItemCount	Integer	Total number of items in result set.
PageCount	Integer	Total number of pages in result set. A page contains a maximum of 50 items.
Page	Integer	Current page as specified by page parameter.
Headers	List of DefinitionHeader	Result set of Resource Typing Definition headers.

### Properties of DefinitionHeader Type

Property	Type	Description
FemaId	String	Unique ID of Resource Typing Definition.
Name	String	Name of Resource Typing Definition.
Status	String	Status of Resource Typing Definition (e.g. Published, Interim Guidance, Obsolete, etc.)

## GetAll Method

### Method Signature

```
DefinitionSet<DefinitionResource> GetAll(string updatedFrom, string updatedTo, int page);
```

### Description

The `GetAll` method provides paginated result sets (50 items per page) based on a date-time range of when the definition was last updated. The `GetAll` method returns a list of full Resource Typing Definition data objects. Systems must pass a page number parameter to the `GetAll` method for each page of the result set to retrieve the full dataset.

## Parameters

Parameter	Type	Example	Description
updatedFrom	String	2013-10-20 18:08:11	Beginning of DateTime range when a definition was last updated (can be left null/empty for an open-ended range).
updatedTo	String	2013-12-13 20:10:14	Ending of DateTime range when a definition was last updated (can be left null/empty for an open-ended range).
page	Integer	1	Page of result set to return.

## Example XML Result

```
<ResourceDefinitionSet
  xmlns=http://schemas.datacontract.org/2004/07/Rtlt.Service
  xmlns:i="http://www.w3.org/2001/XMLSchema-instance">
  <Status>Successfully retrieved 51 definition(s).</Status>
  <ItemCount>51</ItemCount>
  <PageCount>2</PageCount>
  <Page>1</Page>
  <Definitions xmlns:a="http://schemas.datacontract.org/2004/07/Rtlt.Core.Model.Resource">
    <a:ResourceDefinition>
      <Tier xmlns="http://schemas.datacontract.org/2004/07/Rtlt.Core.Model">1</Tier>
      <FemaId xmlns="http://schemas.datacontract.org/2004/07/Rtlt.Core.Model">7-508-1113</FemaId>
      <Name xmlns="http://schemas.datacontract.org/2004/07/Rtlt.Core.Model">Wood Tub Grinder</Name>
      <Status xmlns="http://schemas.datacontract.org/2004/07/Rtlt.Core.Model">Published</Status>
      <Updated xmlns="http://schemas.datacontract.org/2004/07/Rtlt.Core.Model">2013-12-12T18:08:11.123</Updated>
      <Released xmlns="http://schemas.datacontract.org/2004/07/Rtlt.Core.Model">2005-05-26T00:00:00</Released>
      <Discipline xmlns="http://schemas.datacontract.org/2004/07/Rtlt.Core.Model">Public Works</Discipline>
      <CoreCapabilityPrimary xmlns="http://schemas.datacontract.org/2004/07/Rtlt.Core.Model">Public...</CoreCapabilityPrimary>
      <CoreCapabilitySecondary i:nil="true" xmlns="http://schemas.datacontract.org/2004/07/Rtlt.Core.Model"/>
      <a:Description i:nil="true"/>
      <a:OverallFunction i:nil="true"/>
      <a:CompositionOrdering i:nil="true"/>
      <a:Category>Public Works and Engineering</a:Category>
      <a:Kind>Equipment</a:Kind>
      <a:Capabilities>
        <a:ResourceCapability>
          <a:Order>1</a:Order>
          <a:Component>Example</a:Component>
          <a:Metric>-</a:Metric>
          <a:Ability/>
        </a:ResourceCapability>
      </a:Capabilities>
    </a:ResourceDefinition>
  </Definitions>
</ResourceDefinitionSet>
```

```

    <a:Notes>Not Specified</a:Notes>
    <a:Types>
      <a:ResourceCapabilityType>
        <a:Type>Type 1</a:Type>
        <a:Order>1</a:Order>
        <a:Attribute>Morbark 1500</a:Attribute>
      </a:ResourceCapabilityType>
    </a:Types>
    ...
  </a:ResourceCapability>
  ...
</a:Capabilities>
<a:Comments>
  <a:ResourceComment>
    <a:Order>1</a:Order>
    <a:Comment>Morbark is used as an example only.</a:Comment>
  </a:ResourceComment>
  ...
</a:Comments>
<a:References>
  <a:ResourceReference>
    <a:Order>1</a:Order>
    <a:Reference>Lorem ipsum dolor sit amet.</a:Reference>
  </a:ResourceReference>
  ...
</a:References>
</a:ResourceDefinition>
...
</Definitions>
</ResourceDefinitionSet>

```

### Properties of ResourceDefinitionSet Type

Property	Type	Description
Status	String	Status of service method.
ItemCount	Integer	Total number of items in result set.
PageCount	Integer	Total number of pages in result set. A page contains a maximum of 50 items.
Page	Integer	Current page as specified by page parameter.
Definitions	List of ResourceDefinition	Result set of Resource Typing Definitions.



## Properties of ResourceDefinition Type

Property	Type	Description
Tier	Integer	Identifies the Resource Typing Definition as being national in its scope (i.e., “Tier 1”) or defined by the states, tribal, and local jurisdictions (i.e., “Tier 2”). <sup>1</sup>
Femald	String	Unique ID of Resource Typing Definition.
Name	String	Name of Resource Typing Definition.
Status	String	Status of Resource Typing Definition (e.g., Published, Interim Guidance, Obsolete, etc.)
Updated	DateTime	Date and time the Resource Typing Definition was last updated.
Released	DateTime	Date and time the Resource Typing Definition was released by FEMA.
Discipline	String	Discipline of Resource Typing Definition (e.g., Fire and HazMat, Public Works, Search and Rescue, etc.)
CoreCapabilityPrimary	String	Primary Core Capability from the National Preparedness Goal to which the Resource Typing Definition is assigned (e.g., Planning, Public Information and Warning, Operational Coordination, Critical Transportation, etc.)
CoreCapabilitySecondary	String	Secondary Core Capability from the National Preparedness Goal to which the Resource Typing Definition is assigned (e.g., Planning, Public Information and Warning, Operational Coordination, Critical Transportation, etc.)
Description	String	Representation or explanation of the defined resource.
OverallFunction	String	The actions, duties, or activities performed by the defined resource.
CompositionOrdering	String	The parts or elements needed to operate the defined resource and the details the requester may need to ask for when requesting the defined resource.
Category	String	The function for which the defined resource is most useful (e.g., Firefighting, Health and Medical, etc.)
Kind	String	Characterization of the defined resource (e.g., teams, personnel, equipment, etc.)
Capabilities	List of ResourceCapability	List of capabilities.
Comments	List of ResourceComment	List of comments.
References	List of ResourceReference	List of references.

<sup>1</sup> RTLT only contains Tier 1 Resource Typing Definitions.

### Properties of ResourceCapability Type

Property	Type	Description
Order	Integer	Order in list.
Component	String	An element of the overall defined resource (e.g., personnel, equipment, supplies, etc.)
Metric	String	A measurable description of the defined resource's ability to support the mission (e.g., a unit of measure).
Ability	String	A non-numerical description of the defined resource's ability to support the mission.
Notes	String	Notes associated with a defined resource's component, metric, and capability.
Types	List of ResourceCapabilityType	List of capability values by type.

### Properties of ResourceCapabilityType Type

Property	Type	Description
Type	String	Name of type. (e.g., Type 1, Type 2, etc.)
<b>Order</b>	Integer	Sort order of type.
Attribute	String	Value of capability for type.

### Properties of ResourceComment Type

Property	Type	Description
Order	Integer	Order in list.
Comment	String	Comment text.

### Properties of ResourceReference Type

Property	Type	Description
Order	Integer	Order in list.
Reference	String	Reference text.

## Get Method

### Method Signature

`DefinitionResult<DefinitionResource> Get(string femaId);`

### Description

The Get method returns one Resource Typing Definition data object based on its unique ID.

### Parameters

Parameter	Type	Example	Description
femald	String	7-508-1065	Unique ID of Resource Typing Definition.

### Example XML Result

```
<ResourceDefinitionResult
  xmlns=http://schemas.datacontract.org/2004/07/Rtlt.Service
  xmlns:i="http://www.w3.org/2001/XMLSchema-instance">
  <Status>Successfully retrieved definition.</Status>
  <Definition xmlns:a="http://schemas.datacontract.org/2004/07/Rtlt.Core.Model.Resource">
    <Tier xmlns="http://schemas.datacontract.org/2004/07/Rtlt.Core.Model">1</Tier>
    <FemaId xmlns="http://schemas.datacontract.org/2004/07/Rtlt.Core.Model">7-508-1113</FemaId>
    <Name xmlns="http://schemas.datacontract.org/2004/07/Rtlt.Core.Model">Wood Tub Grinder</Name>
    <Status xmlns="http://schemas.datacontract.org/2004/07/Rtlt.Core.Model">Published</Status>
    <Updated xmlns="http://schemas.datacontract.org/2004/07/Rtlt.Core.Model">2013-12-12T18:08:11.123</Updated>
    <Released xmlns="http://schemas.datacontract.org/2004/07/Rtlt.Core.Model">2005-05-26T00:00:00</Released>
    ...
  </Definition>
</ResourceDefinitionResult>
```

### Properties of ResourceDefinitionResult Type

Property	Type	Description
Status	String	Status of service method.
Definition	ResourceDefinition	Same as ResourceDefinition type defined above in the GetAll method.

## Position Qualification Web Service

### Web Service Overview

RTLTL provides a basic SOAP web service for retrieving Position Qualifications. The SOAP web service has three methods: `GetHeaders`, `GetAll`, and `Get`. `GetHeaders` and `GetAll` provide paginated result sets (50 items per page) based on a date-time range of when the Position Qualifications were last updated. `Get` provides Position Qualification data based on its unique ID.

### Web Service URLs

**WSDL:** <http://rtlt.ptaccenter.org/WebServices/DefinitionPositionSoapService.svc?wsdl>

**WSDL (Single File):** <http://rtlt.ptaccenter.org/WebServices/DefinitionPositionSoapService.svc?singleWSDL>

**Endpoint:** <http://rtlt.ptaccenter.org/WebServices/DefinitionPositionSoapService.svc/WebServices/soap>

### GetHeaders Method

#### Method Signature

`DefinitionHeaderSet GetHeaders(string updatedFrom, string updatedTo, int page);`

#### Description

The `GetHeaders` method provides paginated result sets (50 items per page) based on a date-time range of when the Position Qualifications were last updated. The `GetHeaders` method returns a list of Position Qualifications objects in digest/summary form. Systems may want use `GetHeaders` to preview the pending updates in a compact header format before downloading the full data objects using the `GetAll` method. Systems must pass a page number parameter to the `GetHeaders` method for each page of the result set to retrieve the full dataset.

#### Parameters

Parameter	Type	Example	Description
updatedFrom	String	2013-10-20 18:08:11	Beginning of DateTime range when a Position Qualification was last updated (can be left null/empty for an open-ended range).
updatedTo	String	2013-12-13 20:10:14	Ending of DateTime range when a Position Qualification was last updated (can be left null/empty for an open-ended range).
page	Integer	2	Page of result set to return.

## Example XML Result

```
<DefinitionHeaderSet xmlns=http://schemas.datacontract.org/2004/07/Rtlt.Service
  xmlns:i="http://www.w3.org/2001/XMLSchema-instance">
  <Status>Successfully retrieved 2 definition(s).</Status>
  <ItemCount>2</ItemCount>
  <PageCount>1</PageCount>
  <Page>1</Page>
  <Headers xmlns:a="http://schemas.datacontract.org/2004/07/Rtlt.Core.Model">
    <a:DefinitionHeader>
      <a:FemaId>4-509-1029</a:FemaId>
      <a:Name>Wildland Fire Officer</a:Name>
      <a:Status>Published</a:Status>
    </a:DefinitionHeader>
    <a:DefinitionHeader>
      <a:FemaId>12-509-1072</a:FemaId>
      <a:Name>Radiologic Technician</a:Name>
      <a:Status>Published</a:Status>
    </a:DefinitionHeader>
    ...
  </Headers>
</DefinitionHeaderSet>
```

## Properties of DefinitionHeaderSet Type

Property	Type	Description
Status	String	Status of service method.
ItemCount	Integer	Total number of items in result set.
PageCount	Integer	Total number of pages in result set. A page contains a maximum of 50 items.
Page	Integer	Current page as specified by page parameter.
Headers	List of DefinitionHeader	Result set of Position Qualification headers.

## Properties of DefinitionHeader Type

Property	Type	Description
FemaId	String	Unique ID of Position Qualification.
Name	String	Name of Position Qualification.
Status	String	Status of Position Qualification (e.g. Published, Interim Guidance, Obsolete, etc.)

## GetAll Method

### Method Signature

`DefinitionSet<DefinitionPosition> GetAll(string updatedFrom, string updatedTo, int page);`

### Description

The `GetAll` method provides paginated result sets (50 items per page) based on a date-time range of when the Position Qualification was last updated. The `GetAll` method returns a list of full Position Qualification data objects. Systems must pass a page number parameter to the `GetAll` method for each page of the result set to retrieve the full dataset.

### Parameters

Parameter	Type	Example	Description
updatedFrom	String	2013-10-20 18:08:11	Beginning of DateTime range when a Position Qualification was last updated (can be left null/empty for an open-ended range).
updatedTo	String	2013-12-13 20:10:14	Ending of DateTime range when a Position Qualification was last updated (can be left null/empty for an open-ended range).
page	Integer	1	Page of result set to return.

### Example XML Result

```
<PositionDefinitionSet
  xmlns=http://schemas.datacontract.org/2004/07/Rtlt.Service
  xmlns:i="http://www.w3.org/2001/XMLSchema-instance">
  <Status>Successfully retrieved 73 definition(s).</Status>
  <ItemCount>103</ItemCount>
  <PageCount>3</PageCount>
  <Page>1</Page>
  <Definitions xmlns:a="http://schemas.datacontract.org/2004/07/Rtlt.Core.Model.Position">
    <a:PositionDefinition>
      <Tier xmlns="http://schemas.datacontract.org/2004/07/Rtlt.Core.Model">1</Tier>
      <FemaId xmlns="http://schemas.datacontract.org/2004/07/Rtlt.Core.Model">12-509-1072</FemaId>
      <Name xmlns="http://schemas.datacontract.org/2004/07/Rtlt.Core.Model">Radiologic Technician</Name>
      <Status xmlns="http://schemas.datacontract.org/2004/07/Rtlt.Core.Model">Published</Status>
      <Updated xmlns="http://schemas.datacontract.org/2004/07/Rtlt.Core.Model">2014-01-13T16:37:00.24</Updated>
      <Released xmlns="http://schemas.datacontract.org/2004/07/Rtlt.Core.Model">2014-01-13T00:00:00</Released>
      <Discipline xmlns="http://schemas.datacontract.org/2004/07/Rtlt.Core.Model">Medical and Public Health</Discipline>
```

```

    <CoreCapabilityPrimary xmlns="http://schemas.datacontract.org/2004/07/Rtlt.Core.Model">Public Health and Medical
Services</CoreCapabilityPrimary>
    <CoreCapabilitySecondary xmlns="http://schemas.datacontract.org/2004/07/Rtlt.Core.Model">Public and Private Services
and Resources</CoreCapabilitySecondary>
    <a:Types>
        <a:PositionType>
            <a:Type>Type 1</a:Type>
            <a:Order>1</a:Order>
            <a:Description>Not Specified</a:Description>
        </a:PositionType>
        <a:PositionType>
            <a:Type>Type 2</a:Type>
            <a:Order>2</a:Order>
            <a:Description>Not Specified</a:Description>
        </a:PositionType>
        ...
    </a:Types>
    <a:Categories>
        <a:PositionCategory>
            <a:Order>1</a:Order>
            <a:Category>Experience</a:Category>
            <a:Notes>Not Specified</a:Notes>
            <a:Types>
                <a:PositionCategoryType>
                    <a:Type>Type 1</a:Type>
                    <a:Order>1</a:Order>
                    <a:Criteria>Not Specified</a:Criteria>
                </a:PositionCategoryType>
                <a:PositionCategoryType>
                    <a:Type>Type 2</a:Type>
                    <a:Order>2</a:Order>
                    <a:Criteria>Not Specified</a:Criteria>
                </a:PositionCategoryType>
                ...
            </a:Types>
        </a:PositionCategory>
        ...
    </a:Categories>
    <a:IsIndividual>>false</a:IsIndividual>
    <a:IsWithTeam>>false</a:IsWithTeam>
    <a:Team i:nil="true"/>
    <a:IsWithUnit>>false</a:IsWithUnit>

```

```

<a:Unit i:nil="true"/>
<a:OrderingSpecifications>
  <a:PositionOrdering>
    <a:Order>0</a:Order>
    <a:Specification>Lorem ipsum dolor sit amet.</a:Specification>
  </a:PositionOrdering>
  ...
</a:OrderingSpecifications>
<a:References>
  <a:PositionReference>
    <a:Order>0</a:Order>
    <a:Reference>Lorem ipsum dolor sit amet.</a:Reference>
  </a:PositionReference>
  ...
</a:References>
</a:PositionDefinition>
...
</Definitions>
</PositionDefinitionSet>

```

### Properties of PositionDefinitionSet Type

Property	Type	Description
Status	String	Status of service method.
ItemCount	Integer	Total number of items in result set.
PageCount	Integer	Total number of pages in result set. A page contains a maximum of 50 items.
Page	Integer	Current page as specified by page parameter.
Definitions	List of PositionDefinition	Result set of Position Qualifications.

### Properties of PositionDefinition Type

Property	Type	Description
Tier	Integer	Identifies the Resource Typing Definition as being national in its scope (i.e., "Tier 1") or defined by the states, tribal, and local jurisdictions (i.e., "Tier 2"). <sup>2</sup>
Femald	String	Unique ID of Position Qualification.
Name	String	Name of Position Qualification.

<sup>2</sup> RTLT only contains Tier 1 Position Qualifications.



Property	Type	Description
Status	String	Status of Position Qualification (e.g. Published, Interim Guidance, Obsolete, etc.)
Updated	DateTime	Date and time the Resource Typing Definition was last updated.
Released	DateTime	Date and time the Resource Typing Definition was released by FEMA.
Discipline	String	Discipline of Resource Typing Definition (e.g., Fire and HazMat, Public Works, Search and Rescue, etc.)
CoreCapabilityPrimary	String	Primary Core Capability from the National Preparedness Goal to which the Resource Typing Definition is assigned (e.g., Planning, Public Information and Warning, Operational Coordination, Critical Transportation, etc.)
CoreCapabilitySecondary	String	Secondary Core Capability from the National Preparedness Goal to which the Resource Typing Definition is assigned (e.g., Planning, Public Information and Warning, Operational Coordination, Critical Transportation, etc.)
IsIndividual	Boolean	Indicates if defined resource can be ordered as an individual asset.
IsWithTeam	Boolean	Indicates if defined resource can be ordered in conjunction with a NIMS typed team
Team	String	Name of NIMS typed team with which the defined resource can be ordered in conjunction.
IsWithUnit	Boolean	Indicates if defined resource can be ordered in conjunction with a NIMS typed unit.
Unit	String	Name of NIMS typed unit with which the defined resource can be ordered in conjunction.
Types	List of PositionType	List of descriptions by type.
Categories	List of PositionCategory	List of categories.
OrderingSpecifications	List of PositionOrdering	List of ordering specifications or designations.
References	List of PositionReference	List of references.

#### Properties of PositionType Type

Property	Type	Description
Type	String	Name of type. (e.g., Type 1, Type 2, etc.)
Order	Integer	Sort order of type.
Description	String	Description of Position Qualification.

### Properties of PositionCategory Type

Property	Type	Description
Order	Integer	Order in list.
Category	String	Category of Position Qualification (e.g., Education,
Notes	String	Notes on a particular Category.
Types	List of PositionCategoryType	List of category criteria by type.

### Properties of PositionCategoryType Type

Property	Type	Description
Type	String	Name of type. (e.g., Type 1, Type 2, etc.)
Order	Integer	Sort order of type.
Criteria	String	Criteria for a particular Category.

### Properties of PositionOrdering Type

Property	Type	Description
Order	Integer	Order in list.
Specification	String	Ordering specifications or designations.

### Properties of PositionReference Type

Property	Type	Description
Order	Integer	Order in list.
Reference	String	Reference text.

## Get Method

### Method Signature

```
DefinitionResult<DefinitionPosition> Get(string femaId);
```

### Description

The Get method returns one Position Qualification data object based on its unique ID.

## Parameters

Parameter	Type	Example	Description
femald	String	12-509-1072	Unique ID of Position Qualification.

## Example XML Result

```
<PositionDefinitionResult
  xmlns=http://schemas.datacontract.org/2004/07/Rtlt.Service
  xmlns:i="http://www.w3.org/2001/XMLSchema-instance">
  <Status>Successfully retrieved definition.</Status>
  <Definition xmlns:a="http://schemas.datacontract.org/2004/07/Rtlt.Core.Model.Position">
    <Tier xmlns="http://schemas.datacontract.org/2004/07/Rtlt.Core.Model">1</Tier>
    <FemaId xmlns="http://schemas.datacontract.org/2004/07/Rtlt.Core.Model">12-509-1072</FemaId>
    <Name xmlns="http://schemas.datacontract.org/2004/07/Rtlt.Core.Model">Radiologic Technician</Name>
    <Status xmlns="http://schemas.datacontract.org/2004/07/Rtlt.Core.Model">Published</Status>
    <Updated xmlns="http://schemas.datacontract.org/2004/07/Rtlt.Core.Model">2014-01-13T16:37:00.24</Updated>
    <Released xmlns="http://schemas.datacontract.org/2004/07/Rtlt.Core.Model">2014-01-13T00:00:00</Released>
    ...
  </Definition>
</PositionDefinitionResult>
```

## Properties of PositionDefinitionResult Type

Property	Type	Description
Status	String	Status of service method.
Definition	PositionDefinition	Same as PositionDefinition type defined above in the GetAll method.