

2 SOAP Service: [getReceiptURLByReceipt](#)

This document describes how to format the payload (an XML document) for DOR's request a Real Estate Transfer Return eReceipt URL by Receipt Number. The typographical conventions employed throughout this document are:

Font	Explanation	An example from the document
Comic Sans MS 10 Regular Black	Normal explanatory text used throughout this document.	If there are multiple grantors, subsequent grantors follow the first grantor.
<i>Comic Sans MS 10 Italic Blue</i>	Refers to an XML tag in explanatory text.	The <i>FilerData</i> tag immediately follows the <i>UnrecordedReturn</i> root tag.
Courier New 10 Regular Teal	XML tags in code examples.	<code><FilerData> </FilerData></code>
Courier New 10 Regular Plum	XML attributes in code examples.	<code><q0:UnrecordedReturn xmlns:q0="urn:model.retr.dor"></code>
<i>Courier New 10 Italic Blue</i>	XML attribute values in code examples	<code><q0:UnrecordedReturn xmlns:q0="urn:model.retr.dor"></code>
Courier New 10 Bold Black	XML tag values in code examples.	<code><Phone>(999) 999-9999</Phone></code>
Courier New 12 Bold Indigo Superscript	Footnote numbering ⁵ The footnote will list the possible values for the tag.	<code><Baseline>N</Baseline>⁵</code>
Courier New 10 Regular Red	XML tags in code examples that must have a value. Required fields.	<code><StreetName>Main Street</StreetName></code>
Courier New 10 Regular Gray-50%	The gray dashes (-) are used to clarify the hierarchical nature of the XML tags. In the example you can see that the <i>Grantor</i> tag is two levels down from the root tag while the <i>GrantorSeq</i> tag is three levels down. Level indentation aid.	<code>--<Grantor> ---<GrantorSeq>1</GrantorSeq></code>

STEPS to Request eRETR Receipt URL by Receipt Number

FIRST)

Access the Web Service Definition Language File (the WSDL) here

<<https://ww2.revenue.wi.gov/RETRWebService/services/eRETRPort?wsdl>> for information on the legal values for any specific tag or see footnotes.

A) *ReceiptURLByReceiptRequest* tag format: This is the XML root tag.

```
<q0:ReceiptURLByReceiptRequest xmlns:q0="urn:model.retr.dor">  
</q0:ReceiptURLByReceiptRequest>
```

B) *receiptNumber* tag format: The *receiptNumber* tag immediately follows the *ReceiptURLByReceiptRequest* root tag. The receipt number should be the tag value. In the example below, P5FG is specified for the receipt number.

NOTE: While the gray dashes are not part of the XML, they serve to clarify the hierarchical nature of the tags. They visually show indentation and how the various tags are nested. So, in the code example you'll notice a gray dash "-" in front of `<receiptNumber>` and `</receiptNumber>` to indicate that the *receiptNumber* tag is one step down in the hierarchy from the *ReceiptURLByReceiptRequest* root tag.

```
-< receiptNumber>  
  P5FG  
-</ receiptNumber>
```

SECOND) Prepare the XML for the header of the SOAP message. The header contains authentication information. Another option is to *encode* your User ID and Password and send that information to us in the *name* tag. Contact DOR at <mailto:eretr@revenue.wi.gov> for information about how to code this information.

Format for the header XML (remove the gray dashes):

```
<q0:user xmlns:q0="urn:model.retr.dor">  
-<name>your Wisconsin Access Management System User ID</name>  
-<password> your Wisconsin Access Management System Password</password>  
</q0:user>
```

OR

```
<q0:user xmlns:q0="urn:model.retr.dor">  
-<name>User ID and Password CODED in a special way</name>  
-<password> </password>  
</q0:user>
```

Web Service - Request eRETR Receipt URL by Receipt Number
Wisconsin Department of Revenue

THIRD) Write a client to send us the header (with authentication information) and the payload (the XML for the unrecorded return). DOR has a sample Java Client that you can use as well. Contact <mailto:eretr@revenue.wi.gov>.

See the WSDL here:

< <https://ww2.revenue.wi.gov/RETRWebService/services/eRETRPort?wsdl> >

The response you receive back will be a *ReceiptURL* which has this form:

```
<ReceiptURL
  xmlns="urn:model.retr.dor"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xsi:type="ReceiptURL">
-<ReceiptURL xmlns="" xsi:type="java:java.lang.String">
  http://hello.there
-</ReceiptURL>
</ReceiptURL>
```

In the above example response, instead of `http://hello.there` for the value of the *ReceiptURL* tag, you would get the URL to the receipt for the return with receipt number **P5FG**.

Obtain DOR's Java SOAP client to see a complete example for this message.

Web Service - Request eRETR Receipt URL by Receipt Number
Wisconsin Department of Revenue

Appendix

Putting together all of the above, here is a sample unrecorded eRETR in XML format suitable for the *postUnrecordedRETR* SOAP service.

For your copy/paste pleasure the initial gray dashes have been replaced by spaces. This unrecorded eRETR XML together with a header with valid user credentials will submit a Real Estate Transfer Return to DOR.

Putting together all of the above, here is a sample payload (an XML document) for DOR's request eRETR Receipt URL by Receipt Number Web Service.

For your copy/paste pleasure the initial gray dashes have been replaced by spaces. This XML together with a header containing a trusted password will retrieve the URL of a receipt.

```
<q0:ReceiptURLByReceiptRequest xmlns:q0="urn:model.retr.dor">  
  <receiptNumber>P5FG</receiptNumber>  
</q0:ReceiptURLByReceiptRequest>
```

To get this to work, customers must first obtain a Wisconsin User ID by visiting <https://on.wisconsin.gov/WAMS/home>. After you have your account, please visit <http://ww2.revenue.wi.gov/RETRWebApp/application> and sign up as a Trusted Web Service User.

Here's the header without gray dashes:

```
<q0:user xmlns:q0="urn:model.retr.dor">  
  <name>your Wisconsin Access Management System User ID</name>  
  <password> your Wisconsin Access Management System Password</password>  
</q0:user>
```

OR

```
<q0:user xmlns:q0="urn:model.retr.dor">  
  <name>User ID and Password CODED in a special way</name>  
  <password> </password>  
</q0:user>
```