Web Services User Instructions

Programming Guidelines

The Getty Vocabularies Web Services for AAT, ULAN and TGN can be accessed at:

http://vocabsservices.getty.edu/AATService.asmx

http://vocabsservices.getty.edu/ULANService.asmx

http://vocabsservices.getty.edu/TGNService.asmx

Each service shows example requests and responses for programming interfaces done in the available protocols, SOAP 1.1 and 1.2, HTTP GET, and HTTP POST protocols.

Services Brief Descriptions

GetSubjectTerms

Returns all terms for a given subject ID along with their language, contributor, and source information.

GET examples:

```
http://vocabsservices.getty.edu/AATService.asmx/AATGetSubjectTerms?subjectID=300198841
```

```
http://vocabsservices.getty.edu/ULANService.asmx/ULANGetSubjectTerms?subjectID=500032927
```

```
http://vocabsservices.getty.edu/TGNService.asmx/TGNGetSubjectTerms?subjectID=7016833
```

Output schemas:

http://vocabsservices.getty.edu/Schemas/AAT/AATGetSubjectTerms.xsd

http://vocabsservices.getty.edu/Schemas/ULAN/ULANGetSubjectTerms.xsd

http://vocabsservices.getty.edu/Schemas/TGN/TGNGetSubjectTerms.xsd

GetTermMatch

Returns terms that match a given set of search criteria.

AATGetTermMatch – returns the terms that match a given string for both the term and descriptive note fields. The AATGetTermMatch service is meant to work like the Vocabularies on the Web site at:

http://www.getty.edu/research/tools/vocabularies/aat/

Input Notes: This service allows the user to program and/or logical operators between the term and descriptive note criteria. The "logop" input parameter should be coded as the string "and" or the string "or". For more help on searching the AAT, please refer to this page:

http://www.getty.edu/research/tools/vocabularies/aat/help.html

GET example:

```
http://vocabsservices.getty.edu/AATService.asmx/AATGetTermMatch?term=rhyta&logop=and&notes=vessels
```

Output schema:

http://vocabsservices.getty.edu/Schemas/AAT/AATGetTermMatch.xsd

ULANGetTermMatch – returns the terms that match a given string for the term along with the options of filtering the results based on artist role and nationality. The ULANGetTermMatch service is meant to work like the Vocabularies on the Web site at:

http://www.getty.edu/research/tools/vocabularies/ulan/

Input Notes: This service allows the user to input a role ID and/or a nationality ID in addition to the search term string. Role IDs and Nationality IDs can be obtained from the following schemas:

http://vocabsservices.getty.edu/Schemas/ULAN/ulan_role.xsd

http://vocabsservices.getty.edu/Schemas/ULAN/ulan_nationality.xsd

For more help on searching ULAN, please refer to this page:

http://www.getty.edu/research/tools/vocabularies/ulan/help.html

GET example:

```
http://vocabsservices.getty.edu/ULANService.asmx/ULANGetTermMatch?name=vermeer&roleid=31261&nationid=905020
```

Output schema:

http://vocabsservices.getty.edu/Schemas/ULAN/ULANGetTermMatch.xsd

TGNGetTermMatch – returns the terms that match a given string for the term along with the options of filtering the results based on place type and nation. The TGNGetTermMatch service is meant to work like the Vocabularies on the Web site at:

http://www.getty.edu/research/tools/vocabularies/tgn/

Input Notes: This service allows the user to input a place type ID and/or a nation ID in addition to the search term string. Place Type IDs and Nation IDs can be obtained from the following schemas:

http://vocabsservices.getty.edu/Schemas/TGN/tgn_place_type.xsd

http://vocabsservices.getty.edu/Schemas/TGN/tgn_nationality.xsd

For more help on searching TGN, please refer to this page:

http://www.getty.edu/research/tools/vocabularies/tgn/help.html

GET example:

```
http://vocabsservices.getty.edu/TGNService.asmx/TGNGetTermMatch?name=misr&placetypeid=81010&nationid=
```

Output schema:

http://vocabsservices.getty.edu/Schemas/TGN/TGNGetTermMatch.xsd

GetSubject

Returns all data elements associated with a VCS subject record for a given subject ID

GET examples:

```
http://vocabsservices.getty.edu/AATService.asmx/AATGetSubject?subjectID=300198841
```

```
http://vocabsservices.getty.edu/ULANService.asmx/ULANGetSubject?subjectID=500032927
```

```
http://vocabsservices.getty.edu/TGNService.asmx/TGNGetSubject?subjectID=7016833
```

Output schemas:

http://vocabsservices.getty.edu/Schemas/AAT/AATGetSubject.xsd

http://vocabsservices.getty.edu/Schemas/ULAN/ULANGetSubject.xsd

http://vocabsservices.getty.edu/Schemas/TGN/TGNGetSubject.xsd

SyncSubjectId

Returns the current subject ID for a given subject ID, accounting for whether or not that record has been merged

GET examples:

```
http://vocabsservices.getty.edu/AATService.asmx/AATGetSyncSubjectID?subjectID=300017681

http://vocabsservices.getty.edu/ULANService.asmx/ULANGetSyncSubjectID?subjectID=500003398

http://vocabsservices.getty.edu/TGNService.asmx/TGNGetSyncSubjectID?subjectID=1085189
```

Output schemas:

http://vocabsservices.getty.edu/Schemas/AAT/AATGetSyncSubjectID.xsd

http://vocabsservices.getty.edu/Schemas/ULAN/ULANGetSyncSubjectID.xsd

http://vocabsservices.getty.edu/Schemas/TGN/TGNGetSyncSubjectID.xsd

GetMergedSubjectID

Returns a list of records with their old and new IDs that have been merged over a given date range

Input Notes: Currently, the date range format must conform to the pattern 'DD-MMM-YYYY' with the month being represented as one of the textual abbreviations 'JAN', 'FEB', 'MAR', 'APR', 'MAY', 'JUN', 'JUL', 'AUG', 'SEP', 'OCT', 'NOV', 'DEC'.

Example SOAP Body tags for AAT:

```
<AATGetMergedSubjectID>

      <startDate>1-FEB-2008</startDate>

      <endDate>1-MAR-2008</endDate>

</AATGetMergedSubjectID>
```

Parameter "translation" allows users to choose whether or not to include merges from translation projects (AAT). "Y" for the translation parameter signifies "Yes" for translation merges to be included. "N" for the translation parameter signifies "No" for including merges from translation projects.

GET examples:

```
http://vocabsservices.getty.edu/AATService.asmx/AATGetMergedSubjectID?startDate=1-JAN-2017&endDate=31-DEC-2
017&translation=Y

http://vocabsservices.getty.edu/ULANService.asmx/ULANGetMergedSubjectID?startDate=1-MAY-2017&endDate=31-DEC
-2017

http://vocabsservices.getty.edu/TGNService.asmx/TGNGetMergedSubjectID?startDate=1-JAN-2017&endDate=31-DEC-2
017
```

Output schemas:

http://vocabsservices.getty.edu/Schemas/AAT/AATGetSyncSubjectID.xsd

http://vocabsservices.getty.edu/Schemas/ULAN/ULANGetMergedSubjectID.xsd

http://vocabsservices.getty.edu/Schemas/TGN/TGNGetMergedSubjectID.xsd

GetParents

Returns the preferred and non-preferred parent hierarchies for a given subject ID

GET examples:

```
http://vocabsservices.getty.edu/AATService.asmx/AATGetParents?subjectID=300198841

http://vocabsservices.getty.edu/ULANService.asmx/ULANGetParents?subjectID=500115990

http://vocabsservices.getty.edu/TGNService.asmx/TGNGetParents?subjectID=7001215
```

Output schemas:

http://vocabsservices.getty.edu/Schemas/AAT/AATGetParents.xsd

http://vocabsservices.getty.edu/Schemas/ULAN/ULANGetParents.xsd

http://vocabsservices.getty.edu/Schemas/TGN/TGNGetParents.xsd

GetChildren

Returns all immediate the preferred and non-preferred children for a given subject ID

GET examples:

```
http://vocabsservices.getty.edu/AATService.asmx/AATGetChildren?subjectID=300194567
```

```
http://vocabsservices.getty.edu/ULANService.asmx/ULANGetChildren?subjectID=500115990
```

```
http://vocabsservices.getty.edu/TGNService.asmx/TGNGetChildren?subjectID=7016833
```

Output schemas:

http://vocabsservices.getty.edu/Schemas/AAT/AATGetChildren.xsd

http://vocabsservices.getty.edu/Schemas/ULAN/ULANGetChildren.xsd

http://vocabsservices.getty.edu/Schemas/TGN/TGNGetChildren.xsd

GetRevisionHistory

Returns information on edits made to vocabulary data based on a date range and input parameter that indicates which piece of revision history information is desired.

Input Notes: Parameters for revision history option include,

1 – Overall subject record edits

2 – Added, deleted, modified terms

3 – Scope note edits

4 – Moved records

5 – New records

6 – All edits and record types

7 – Deleted records

English_only parameter (AAT only) allows users to request only English note edits.

GET examples:

```
http://vocabsservices.getty.edu/AATService.asmx/AATGetRevisionHistory?startDate=1-AUG-2017&endDate=31-DEC-2
017&param=2&english_only=N
```

```
http://vocabsservices.getty.edu/ULANService.asmx/ULANGetRevisionHistory?startDate=1-AUG-2017&endDate=31-DEC
-2017&param=2
```

```
http://vocabsservices.getty.edu/TGNService.asmx/TGNGetRevisionHistory?startDate=1-AUG-2017&endDate=31-DEC-2
017&param=2
```

Output schemas:

http://vocabsservices.getty.edu/Schemas/AAT/AATGetRevisionHistory.xsd

http://vocabsservices.getty.edu/Schemas/ULAN/ULANGetRevisionHistory.xsd

http://vocabsservices.getty.edu/Schemas/TGN/TGNGetRevisionHistory.xsd