

# Guidelines for linking to ETSI Forge in ETSI deliverables

## 1 Introduction

ETSI Forge is an online platform for collaborative development and sharing machine-readable content.

ETSI publishes the machine-readable content as electronic attachments of their deliverables. When machine-readable content is available on ETSI Forge, ETSI deliverables may follow two approaches: only including the navigable links to such content or keeping electronic attachments in addition.

This document contains guidelines for linking to ETSI Forge from ETSI deliverables. It provides the guidance on the usage of URL and accompanying text in the deliverables.

## 2 Rules

Id	Rule	Notes
1	URL shall use the following prefix <a href="https://forge.etsi.org/rep/">https://forge.etsi.org/rep/</a>	In particular to be ensured: <ul style="list-style-type: none"> <li>- Presence of “s” in “https”</li> <li>- The “rep” part after the domain name</li> </ul>
2	When present the version information shall not be included in the filename but in the appropriate segment of the URL.	In most cases this will be the 6 <sup>th</sup> segment of the URL.
3	The URL shall not include a segment containing the word “master”.	
4	The URL shall not be listed in the reference clause of the deliverable.	
5	The existence of a machine-readable content stored on ETSI Forge accompanying the ETSI deliverables should be mentioned in the Foreword of the deliverable.	
6	The URL link to the machine-readable content stored on ETSI Forge shall be included in an annex that may be either normative or informative.	
7	The text to be used when a link to ETSI Forge is used can be found in the appropriate ETSI deliverable skeleton given on the <a href="#">editHelp!</a> website.	Clause 4.3 of this document contains several examples of text that could be used.

## 3 Recommendations

Id	Recommendation	Notes
1	URLs should follow the structure group/specification/view-type/version/folder/file	
2	View type should be either “tree” (file list view), “blob” (human friendly view of the content a file) or “raw” (the exact content of the file)	
3	ETSI deliverables should contain URLs to individual files (i.e. not to directories).	See URL formatting examples 4 or 5 in clause 4.1.
4	When an URL to a folder or to a project is used, the information on how to browse the folder or the project shall be provided. This could also be a link to the location of navigation information.	

## 4 Examples

### 4.1 URL formatting examples

Id	Usage	Example
1	For the entire project	<code>forge.etsi.org/rep/&lt;TB&gt;/&lt;SPEC&gt;/</code>
2	For a specific version (where <VERSION> is a TAG)	<code>forge.etsi.org/rep/&lt;TB&gt;/&lt;SPEC&gt;/tree/&lt;VERSION&gt;</code>
3	For a folder within the project	<code>forge.etsi.org/rep/&lt;TB&gt;/&lt;SPEC&gt;/tree/&lt;VERSION&gt;/&lt;FO LDER-PATH&gt;</code>
4	For a file in the human readable view	<code>forge.etsi.org/rep/&lt;TB&gt;/&lt;SPEC&gt;/blob/&lt;VERSION&gt;/&lt;FO LDER-PATH&gt;/&lt;FILE&gt;</code>
5	For a file in the machine-readable view, i.e. only the file content served directly	<code>forge.etsi.org/rep/&lt;TB&gt;/&lt;SPEC&gt;/raw/&lt;VERSION&gt;/&lt;FO LDER-PATH&gt;/&lt;FILE&gt;</code>

### 4.2 URL formatting practices to be avoided

Bad practice	Example
Including the tool (Gitlab) in the URL. See Clause 2, Rule 1.	<code>forge.etsi.org/gitlab/...</code>
Including the version in the name of the file. See Clause 2, Rule 2.	<code>forge.etsi.org/rep/&lt;TB&gt;/&lt;SPEC&gt;/blob/&lt;BRANCH&gt;/my_file_vA.B.C.txt</code>
Using a link containing the word <i>master</i> .	<code>forge.etsi.org/rep/&lt;TB&gt;/&lt;SPEC&gt;/blob/master/...</code>

### 4.3 Text introducing the link to the ETSI forge

Examples of text introducing the links to content on the ETSI Forge are provided in the tables below.

#### 4.3.1 Example 1: Complementary information

## Annex B (informative): Complementary material for API utilisation

To complement the definitions for each method and resource defined in the interface clauses of the present document, ETSI MEC ISG is providing for the Radio Network Information API a supplementary description file compliant to the OpenAPI Specification [1].

In addition, a further supplementary file defining the data types in protocol buffers format, as defined in the Protocol Buffer Language Specification [2], is provided.

In case of discrepancies between the supplementary files and the related data structure definitions in the present document, the data structure definitions take precedence.

The supplementary files, relating to the present document, are located at <https://forge.etsi.org/rep/mec/g012-rnis-api>.

## 4.3.2 Example 2 : Normative materials

### 4.3.2.1 Electronic attachment

#### **Annex A (normative): WiMax/HiperMAN NCT Abstract Test Suite (ATS)**

This ATS has been produced using the Testing and Test Control Notation (TTCN-3) according to ES 201 873-1 [].

#### **A.1 The TTCN-3 Module**

The TTCN-3 code corresponding to the ATS is contained in an archive named ts\_10262403v010101p0 which accompanies the present document.

### 4.3.2.2 Link to ETSI Forge

#### **Annex A (normative): WiMax/HiperMAN NCT Abstract Test Suite (ATS)**

This ATS has been produced using the Testing and Test Control Notation (TTCN-3) according to ES 201 873-1 [].

#### **A.1 The TTCN-3 Module**

The TTCN-3 code corresponding to the ATS is available at <https://forge.etsi.org/rep/wimax/hiperman-ats>