



GROUP REPORT

Network Functions Virtualisation (NFV) Release 2; Information Modeling; Papyrus Guidelines

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Contents

Intellectual Property Rights	4
Foreword.....	4
Modal verbs terminology.....	4
1 Scope	5
2 References	5
2.1 Normative references	5
2.2 Informative references.....	5
3 Abbreviations	6
4 Overview	6
5 Getting Papyrus running.....	6
5.1 Introduction	6
5.2 Downloading Eclipse™.....	6
5.3 Papyrus overview	13
5.4 Installing Gendoc plugin installation.....	14
5.5 Importing a model	15
5.6 Deleting a Project.....	19
6 Using Papyrus	20
6.1 Illustrative Profile and Model.....	20
6.2 Papyrus file structure.....	22
6.3 Submitting a modified model.....	22
6.4 Generating model documentation.....	24
6.5 Using Class Diagrams	25
6.6 Applying a stereotype to an element	26
6.7 Changing the value of a stereotype attribute	27
Annex A: Authors & contributors.....	29
History	30

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Foreword

This Group Report (GR) has been produced by ETSI Industry Specification Group (ISG) Network Functions Virtualisation (NFV).

Modal verbs terminology

In the present document "**should**", "**should not**", "**may**", "**need not**", "**will**", "**will not**", "**can**" and "**cannot**" are to be interpreted as described in clause 3.2 of the [ETSI Drafting Rules](#) (Verbal forms for the expression of provisions).

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1 Scope

The present document defines the guidelines that are recommended to be taken into account during the creation of a protocol-neutral UML® [i.2] information model using the Open Source tool Papyrus [i.1].

These guidelines are informative for the general reader, but need to be followed when designing models for the ETSI NFV Information Model.

2 References

2.1 Normative references

Normative references are not applicable in the present document.

2.2 Informative references

References are either specific (identified by date of publication and/or edition number or version number) or non-specific. For specific references, only the cited version applies. For non-specific references, the latest version of the referenced document (including any amendments) applies.

NOTE: While any hyperlinks included in this clause were valid at the time of publication, ETSI cannot guarantee their long term validity.

The following referenced documents are not necessary for the application of the present document but they assist the user with regard to a particular subject area.

[i.1] Papyrus Eclipse™ UML® Modeling Tool.

NOTE: Available at <https://www.eclipse.org/papyrus/>.

[i.2] Eclipse™ Modeling Tools.

NOTE: Available at <https://www.eclipse.org/downloads/packages/eclipse-modeling-tools/marsr>.

[i.3] OMG™ Unified Modeling Language™ (UML®) specifications 2.5.0.

NOTE: Available at <http://www.omg.org/spec/UML/>.

[i.4] ONF™ TR-515: "Open Networking Foundation Papyrus Guidelines 1.2" September 2016.

[i.5] ETSI GR NFV-IFA 017: "Network Functions Virtualisation (NFV); Information Modeling; UML Modeling Guidelines".

[i.6] Eclipse™ Gendoc website.

NOTE: Available at <http://www.eclipse.org/gendoc/>.

[i.7] ETSI GR NFV-IFA 015: "Network Function Virtualization (NFV); Management and Orchestration; Report on NFV Information Model".

[i.8] ETSI GR NFV-IFA 024: "Network Function Virtualisation (NFV); Information Modeling; Report on External Touchpoints related to NFV Information Model".