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European Network of
Transmission System Operators
for Electricity

CIMCONTEXTOR AND CIMSYNTAXGEN GOVERNANCE

2017-02-28
VERSION 1.0

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Revision History

Version	Release	Date	Comments
0	0	2017-01-20	First drafting of the document for review
1	0	2017-02-28	Version for approval

37

1   Introduction

1.1   Main objective

The purpose of this document is to provide a framework for the establishment of a governance group for the definition of the IT policy for the development/maintenance of the two products, i.e. CIMContextor and CIMSyntaxgen, add-ins of Sparx product Entreprise Architecte.

1.2   Context

CIMContextor and CIMSyntaxgen have been developed by ZAMIREN (France). They are open software published under license CeCILL-B.

Note: CeCILL-B (http://www.cecill.info/licences/Licence_CeCILL-B_V1-en.html) follows the principle of the popular BSD license and its variants (Apache, X11 or W3C among others). In exchange for strong citation obligations (in all software incorporating a program covered by CeCILL-B and also through a web site), the author authorizes the reuse of its software without any other constraints.

These two products are used to develop and to maintain UML profiles within the common information model (IEC 61968-11, IEC 61970-301, IEC 61970-302 and IEC 62325-301) by utilities and software vendors. These products enables also the automated generation of the documentation as well as the XML schema.

In 2009, ENTSO-E has decided to support the activities of standardization and in particular the ones related to CIM, i.e. IEC 61968-11, IEC 61970-301, IEC 61970-302 and IEC 62325-301. ENTSO-E is involved in these work for the implementation of the network codes, e.g. CGMES and the European style market profile.

2   Policy

2.1   CIMContextor/CIMSyntaxgen governance group

A number of International Standards (IEC 62325-351 and IEC 62325-451-n series) as well as Publicly Available Standards (PAS IEC 61970-600 and PAS IEC 61970-601) have been developed by ENTSO-E based on the two products CIMContextor and CIMSyntaxgen.

In this framework and to ensure the sustainability of this work, ENTSO-E decides to create a CIMContextor/CIMSyntaxgen governance group to ensure on the long term:

- The availability of the reference source code and its publication with the reference to the authors as per CeCILL-B license;
- The sharing of experience between the members of the user group;
- The development of new versions when necessary;
- The use of the software in accordance with its license;
- The maintenance of the reference version.

2.2   Concerned stakeholders

The concerned stakeholders are any organisation/society/university which have an interest in using the CIMContextor/CIMSyntaxgen products.

2.3   ENTSO-E role

ENTSO-E shall ensure the following activities/tasks related to CIMContextor/CIMSyntaxgen governance group:

- Establish a governance group;
- Hold at least one meeting per year of the governance group;
- Maintain a link on the ENTSO-E web site (entsoe.eu) in order to download the reference version (installation package and source code) of the CIMContextor/CIMSyntaxgen products in accordance with CeCILL-B license.

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3   CIMContextor/CIMSyntaxgen governance group

3.1   Convenor and members

Any stakeholder could be a member of the CIMContextor/CIMSyntaxgen governance group.

On the ENTSO-E web site (entsoe.eu) a dedicated page will enable to register as a stakeholder.

The Convenor of the CIMContextor/CIMSyntaxgen governance group is a member of ENTSO-E Secretariat. This person is in charge of the coordination within ENTSO-E, i.e. with all the Working Groups involved in the CIM.

One of Convenor's role is to manage in an efficient manner the CIMContextor/CIMSyntaxgen governance group.

3.2   Governance group

3.2.1   Responsibilities

The CIMContextor/CIMSyntaxgen governance group shall be responsible for the two products including:

- Software strategy, including identification of possible financial implications that should be validated by the respective competent bodies of each member of the governance group;
- Service assessment and reporting;
- Software maintenance;
- Supplier management.

3.2.2   Meeting

The Convenor shall call for a yearly meeting inviting all the stakeholders three months before the meeting.

In case of urgent needs, a dedicated meeting shall be called and held as soon as possible.

The agenda shall include the list of the proposed new developments and a report of the identified bugs and corrections.

The meeting shall be carried out either as a "physical meeting" or a "videoconference meeting".

The minutes of the meeting shall be published on a dedicated page in the ENTSO-E web site (entsoe.eu).

At the meeting, the decisions shall be taken on a consensus basis as defined by ISO/IEC Guide 2:2004.

Note: "**consensus**: General agreement, characterized by the absence of sustained opposition to substantial issues by any important part of the concerned interests and by a process that involves seeking to take into account the views of all parties concerned and to reconcile any conflicting arguments. Consensus does not imply unanimity.

3.2.3   Finance management

As the products are under CeCILL-B license, when stakeholders wish to develop the products, they should finance such developments.

As concerns bugs corrections, the Convenor of the CIMContextor/CIMSyntaxgen governance group may propose each year, if necessary, a budget to be shared between all the stakeholders. Zamiren having developed these products is exempted of this fee.

3.2.4   Information to be published

ENTSO-E Secretariat shall support on the ENTSO-E web site (entsoe.eu) a dedicated web page providing access to:

- The installation package and the source code with the CeCILL-B license, the access to a collaborative development tool and related documentation (including the software agreement).

126	•	The conditions to which the software users need to comply with / abide to in accordance
127		with the software agreement, including amongst others:
128		o A text providing the name of Zamiren (France) to comply with CECILL-B license
129		on intellectual property.
130		o The terms and conditions for third party to comply with the obligations of
131		CECILL-B license before downloading the products.
132	•	A maintenance request form either to report issues or to suggest new developments.
133	•	The list of the registered stakeholders.
134	•	The minutes of meetings of the CIMContextor/CIMSyntaxgen governance group.
135	•	The history of changes of the two products.

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136 **Annex A**
137 (informative)
138 **CeCILL-B1 – Free software license agreement**

139 **Notice**

140 This Agreement is a Free Software license agreement that is the result of discussions between
141 its authors in order to ensure compliance with the two main principles guiding its drafting:

142 firstly, compliance with the principles governing the distribution of Free Software: access to
143 source code, broad rights granted to users,

144 secondly, the election of a governing law, French law, with which it is conformant, both as
145 regards the law of torts and intellectual property law, and the protection that it offers to both
146 authors and holders of the economic rights over software.

147 The authors of the CeCILL-B1 license are:

148 Commissariat à l'Energie Atomique - CEA, a public scientific, technical and industrial research
149 establishment, having its principal place of business at 25 rue Leblanc, immeuble Le Ponant D,
150 75015 Paris, France.

151 Centre National de la Recherche Scientifique - CNRS, a public scientific and technological
152 establishment, having its principal place of business at 3 rue Michel-Ange, 75794 Paris cedex
153 16, France.

154 Institut National de Recherche en Informatique et en Automatique - INRIA, a public scientific
155 and technological establishment, having its principal place of business at Domaine de
156 Voluceau, Rocquencourt, BP 105, 78153 Le Chesnay cedex, France.

157 **Preamble**

158 This Agreement is an open source software license intended to give users significant freedom
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162 as all contributions to be properly identified and acknowledged.

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168 reproducing the software by the user are brought to the user's attention, given its Free Software
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176 This Agreement may apply to any or all software for which the holder of the economic rights
177 decides to submit the use thereof to its provisions.

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1 CeCILL stands for Ce(a) C(nrs) I(nria) L(ogiciel) L(ibre)

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Article 1 - DEFINITIONS

179 For the purpose of this Agreement, when the following expressions commence with a capital
180 letter, they shall have the following meaning:

181 **Agreement**: means this license agreement, and its possible subsequent versions and annexes.
182 **Software**: means the software in its Object Code and/or Source Code form and, where
183 applicable, its documentation, "as is" when the Licensee accepts the Agreement.
184 **Initial Software**: means the Software in its Source Code and possibly its Object Code form
185 and, where applicable, its documentation, "as is" when it is first distributed under the terms and
186 conditions of the Agreement.
187 **Modified Software**: means the Software modified by at least one Contribution.
188 **Source Code**: means all the Software's instructions and program lines to which access is
189 required so as to modify the Software.
190 **Object Code**: means the binary files originating from the compilation of the Source Code.
191 **Holder**: means the holder(s) of the economic rights over the Initial Software.
192 **Licensee**: means the Software user(s) having accepted the Agreement.
193 **Contributor**: means a Licensee having made at least one Contribution.
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197 functions integrated into the Software by any or all Contributors, as well as any or all Internal
198 Modules.
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200 functions or services in addition to those offered by the Software.
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202 and the Software run in separate address spaces, with one calling the other when they are run.
203 **Internal Module**: means any or all Module, connected to the Software so that they both execute
204 in the same address space.
205 **Parties**: mean both the Licensee and the Licensor.

206 These expressions may be used both in singular and plural form.

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208 The purpose of the Agreement is the grant by the Licensor to the Licensee of a non-exclusive,
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215 or by loading from a physical medium;

216 (ii) the first time the Licensee exercises any of the rights granted hereunder.

217 3.2 One copy of the Agreement, containing a notice relating to the characteristics of the
218 Software, to the limited warranty, and to the fact that its use is restricted to experienced users
219 has been provided to the Licensee prior to its acceptance as set forth in Article 3.1 hereinabove,
220 and the Licensee hereby acknowledges that it has read and understood it.

Article 4 - EFFECTIVE DATE AND TERM

222 4.1 EFFECTIVE DATE

223 The Agreement shall become effective on the date when it is accepted by the Licensee as set
224 forth in Article 3.1.

225 4.2 TERM

226 The Agreement shall remain in force for the entire legal term of protection of the economic
227 rights over the Software.

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308 The Licensee who develops a Contribution is the owner of the intellectual property rights over
309 this Contribution as defined by applicable law.

310 6.3 OVER THE EXTERNAL MODULES

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381 10.2 A Licensee whose Agreement is terminated shall no longer be authorized to use, modify
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386 11.1 EXCUSABLE EVENTS

387 Neither Party shall be liable for any or all delay, or failure to perform the Agreement, that may
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389 defective functioning or interruptions of the electricity or telecommunications networks, network
390 paralysis following a virus attack, intervention by government authorities, natural disasters,
391 water damage, earthquakes, fire, explosions, strikes and labor unrest, war, etc.

392 11.2 Any failure by either Party, on one or more occasions, to invoke one or more of the
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394 interested Party of its right to invoke said provision(s) subsequently.

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396 oral, between the Parties and having the same purpose, and constitutes the entirety of the
397 agreement between said Parties concerning said purpose. No supplement or modification to
398 the terms and conditions hereof shall be effective as between the Parties unless it is made in
399 writing and signed by their duly authorized representatives.

400 11.4 In the event that one or more of the provisions hereof were to conflict with a current or
401 future applicable act or legislative text, said act or legislative text shall prevail, and the Parties
402 shall make the necessary amendments so as to comply with said act or legislative text. All other
403 provisions shall remain effective. Similarly, invalidity of a provision of the Agreement, for any
404 reason whatsoever, shall not cause the Agreement as a whole to be invalid.

11.5 LANGUAGE

406 The Agreement is drafted in both French and English and both versions are deemed authentic.

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414   distributed under the same version of the Agreement or a subsequent version.

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416   13.1 The Agreement is governed by French law. The Parties agree to endeavor to seek an
417   amicable solution to any disagreements or disputes that may arise during the performance of
418   the Agreement.

419   13.2 Failing an amicable solution within two (2) months as from their occurrence, and unless
420   emergency proceedings are necessary, the disagreements or disputes shall be referred to the
421   Paris Courts having jurisdiction, by the more diligent Party.