



MAENAD



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Model-based Analysis & Engineering of Novel Architectures for Dependable Electric Vehicles

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Revision chart and history log

Version	Date	Reason
1.0	2011-06-30	First release Reflecting Maenad Month 9
2.0	2012-06-30	Second release Reflecting Maenad Month 21
2.1	2012-08-31	Added description on changes between different versions.

1 Summary

D4.3.1 is the EAST-ADL XML schema which is a template for the format of EAST-ADL XML files. The schema identifies which elements are valid in an EAXML file and how they are related.

This version of D4.3.1 is the schema for EAST-ADL M2.1.10, i.e. the MAENAD proposal for version 2.1.10.

The schema file is EAST-ADL_M2.1.10.xsd

2 Versions

The EAST-ADL XML schema from the previous ATESS2 project had the name EAST-ADL_100630.xsd and was released 2010-06-30; the specification has evolved during the MAENAD project as follows:

Date	Domain Model version	EAST-ADL XML schema version	Note
2011-01-30	(M2.1.1) M2.1.9		
2011-06-30	M2.1.9.1	EAST-ADL_M2.1.9.1.xsd	M9, should really be called 2.1.9.20110630
2011-08-30	M2.1.9.20110830	EAST-ADL_M2.1.9.20110830.xsd	Schema miss SHORT-NAME.
2012-03-30	M2.1.10		
2012-06-15	M2.1.10.20120629	EAST-ADL_M2.1.10.xsd	M21

3 Changes

The EAST-ADL XML schema is generated from the language specification meta-model, hence the changes described in MAENAD D4.1.1 also implies the same changes in the EAST-ADL XML schema.

The schema from the MAENAD project differs from the ATESS2 project schema EAST-ADL_100630.xsd with regards to the name-space, see below.

3.1 EAST-ADL_100630.xsd

```
<xsd:schema xmlns:xsd="http://www.w3.org/2001/XMLSchema"
  xmlns:AR="http://autosar.org/3.1.4"
  targetNamespace="http://autosar.org/3.1.4"
  elementFormDefault="qualified"
  attributeFormDefault="unqualified">
```

3.2 EAST-ADL_M2.1.10.xsd

```
<xsd:schema xmlns:xsd="http://www.w3.org/2001/XMLSchema"
  xmlns:EA="http://maenad.eu/M2.1.10"
  targetNamespace="http://maenad.eu/M2.1.10"
  elementFormDefault="qualified"
  attributeFormDefault="unqualified">
```

Note that the name-space has been changed from AR to EA.