

COMMON MODEL FORMAT (CMF) TOOL

CMFTool is a command-line developer tool. It converts a NIEM XSD document pile to CMF. It converts CMF back to the XSD pile.

For example,

Type the following at the command line: `sar[225]$ cmftool x2m model.xsd/CrashDriver.xsd`

Get this output:

Namespaces claiming conformance:

<http://example.com/CrashDriver/1.2/> [NIEM version='NIEM6.0']

<http://example.com/PrivacyMetadata/2.0/> [NIEM version='NIEM6.0']

https://docs.oasis-open.org/niemopen/ns/model/codes/aamva_d20/6.0/ [NIEM version='NIEM6.0']

<https://docs.oasis-open.org/niemopen/ns/model/domains/humanServices/6.0/> [NIEM version='NIEM6.0']

<https://docs.oasis-open.org/niemopen/ns/model/domains/justice/6.0/> [NIEM version='NIEM6.0']

<https://docs.oasis-open.org/niemopen/ns/model/niem-core/6.0/> [NIEM version='NIEM6.0']

Utility and predefined namespaces:

<https://docs.oasis-open.org/niemopen/ns/model/adapters/niem-xs/6.0/>

<https://docs.oasis-open.org/niemopen/ns/model/structures/6.0/>

COMMON MODEL FORMAT (CMF) TOOL (CONT.)

There is now a **CrashDriver.cmf** file, containing (abridged sample file)

```
<?xml version="1.0" encoding="UTF-8"?>
<Model
  xmlns=https://docs.oasis-open.org/niemopen/ns/specification/cmf/1.0/
  xmlns:cmf=https://docs.oasis-open.org/niemopen/ns/specification/cmf/1.0/
  xmlns:structures=https://docs.oasis-open.org/niemopen/ns/model/structures/6.0/
  xmlns:xsi=http://www.w3.org/2001/XMLSchema-instance>
  <Namespace structures:id="aamva_d20">
    <NamespaceURI>https://docs.oasis-open.org/niemopen/ns/model/codes/aamva\_d20/6.0/</NamespaceURI>
    <NamespacePrefixText>aamva_d20</NamespacePrefixText>
    <DocumentationText>Motor vehicle administration codes from the Data Dictionary for Traffic Record Systems, maintained by
AAMVA, the American Association of Motor Vehicle Administrators.</DocumentationText>
    <NamespaceKindCode>OTHERNIEM</NamespaceKindCode>
    <ConformanceTargetURIList>https://docs.oasis-
open.org/niemopen/ns/specification/XNDR/6.0/#ReferenceSchemaDocument</ConformanceTargetURIList>
    <DocumentFilePathText>niem/codes/aamva_d20.xsd</DocumentFilePathText>
    <NIEMVersionText>6</NIEMVersionText>
    <SchemaVersionText>psd01</SchemaVersionText>
    <SchemaLanguageName>en-US</SchemaLanguageName>
  </Namespace>
```