

XmlNamespaces 2fCwspacelmscp

```
<?xml version="1.0" encoding="utf-8"?>
<html>
```

XmlNamespaces/Cwspacelmscp

"Up" to XmlNamespaces

Introduction

What Is This About?

The <http://cwspace.mit.edu/> CWSpace project has <http://ocw.mit.edu/> MIT OpenCourseWare using the <http://www.imsglobal.org/content/packaging/index.html> IMS Content Packages to .ZIP up their files for submission to DSpace. The IMS-CP has in turn a manifest file:

```
imsmanifest.xml
```

OCW and DSpace had some needs to customize the Schema for that XML. The DSpace bit (it's small!) looks like so:

```
<manifest cwsp:packageType="Course">
<metadata>
<cwsp:packageMetadata>
<cwsp:checksum>string reserved for future use</cwsp:checksum>
<cwsp:sourceSystem>OCW</cwsp:sourceSystem>
<cwsp:profile>CWSpace</cwsp:profile>
<cwsp:profileVersion>1.0</cwsp:profileVersion>
</cwsp:packageMetadata>
...
```

To permit systems to validate these manifest XMLs, we need to publish a Namespace UI and an actual Schema .xsd document with these elements somewhere on the Internet. The Namespace we intend to use is...

```
http://www.dspace.org/xmlns/cwspace\_imsdp
```

...and the Schema .xsd location we intend to use is

```
http://www.dspace.org/xsd/cwspace\_imsdp/version10/cwspace\_imsdp.xsd
```

(Note that the ocw.mit.edu server will also be hosting similar Schema at similar address to document the OCW-specific modifications to the Schema.) Example IMS Content Packaging "manifest" file:

```
imsmanifest.xml
```

(Just the document element, with all the Namespace and SchemaLocation information.)

Update: 'xmlns' and 'xsd'

Please Note This Detail: At www.dspace.org/ (and at ocw.mit.edu/) we have adopted a perhaps not always seen practice (which we regard as an improvement), of placing the Namespace UI beneath a subdirectory off the server root called '/xmlns/', while the corresponding XML Schema document lives beneath a sibling subdirectory (also off the server root) called '/xsd/'.

```
http://dspace.org/xmlns/cwspace\_imsdp
http://dspace.org/xsd/cwspace\_imsdp/version10/cwspace\_imsdp.xsd
```

– WilliamReilly Updated March 10, 2006

```
<?xml version="1.0" encoding="UTF-8"?>
<manifest
  identifier="urn_edu.mit.ocw_9-65Cognitive-ProcessesFall2001"
  version="2006-01-30T09:18:20"
  cwsp:packageType="Course"
  xmlns="http://www.imsglobal.org/xsd/imscp_v1p1"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xmlns:adlcp="http://www.adlnet.org/xsd/adlcp_rootv1p2"
  xmlns:cwsp="http://www.dspace.org/xmlns/cwspace_imscp"
  xmlns:ocw="http://ocw.mit.edu/xmlns/ocw_imscp"
  xmlns:lom="http://ocw.mit.edu/xmlns/LOM"
  xsi:schemaLocation="http://www.imsglobal.org/xsd/imscp_v1p1 http://www.imsglobal.org/xsd/imscp\_v1p1.xsd
http://www.adlnet.org/xsd/adlcp\_rootv1p2 http://www.adlnet.org/xsd/adlcp\_rootv1p2.xsd
http://dspace.org/xmlns/cwspace\_imscp http://dspace.org/xsd/cwspace\_imscp/version10/cwspace\_imscp.xsd
http://ocw.mit.edu/xmlns/ocw\_imscp http://ocw.mit.edu/xsd/ocw\_imscp/version10/ocw\_imscp.xsd
http://ocw.mit.edu/xmlns/LOM http://ocw.mit.edu/xsd/LOM/lomv1.0/lomv1.0.xsd
  >
```

Comments & Etc. welcome.

– [WilliamReilly](#) initial posting March 3, 2006

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