



Regarding an Application Profile

Definition

<http://www.schemas-forum.org/metadata-watch/3.html>

- Implementation projects generally find that no one metadata standard will completely meet their descriptive needs.
- General standards such as Dublin Core must often be used alongside domain- or sector-specific standards such as MPEG-7 for multimedia and IEEE/LOM for educational resources.
- Cont'd



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- New elements may be needed for local needs not covered by any existing standards.
- Recent practice distinguishes between the definition of semantics in “namespaces” (i.e., official standards) and the reuse and interpretation of those semantics in “application profiles.”
- Cont’d



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- Application profiles are schemas that combine elements from multiple standards, perhaps with application-specific constraints such as the use of specific controlled vocabularies.



Attributes of each Metadata Element

(modified ISO 11179 format)

<i>>element name</i>	<i>>obligation/mandatory</i>
<i>>version</i>	<i>>datatype</i>
<i>>element label</i>	<i>>maximum occurrence</i>
<i>>definition</i>	<i>>encoding schemes</i>
<i>>namespace identifier</i>	<i>>restricted values</i>
<i>>registration authority</i>	<i>>examples</i>
<i>>language of element</i>	<i>>usage guidelines</i>