

eSciDoc Reporting Tool

Citation Styles

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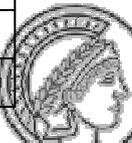
Version number 0. 41

03.04.2006

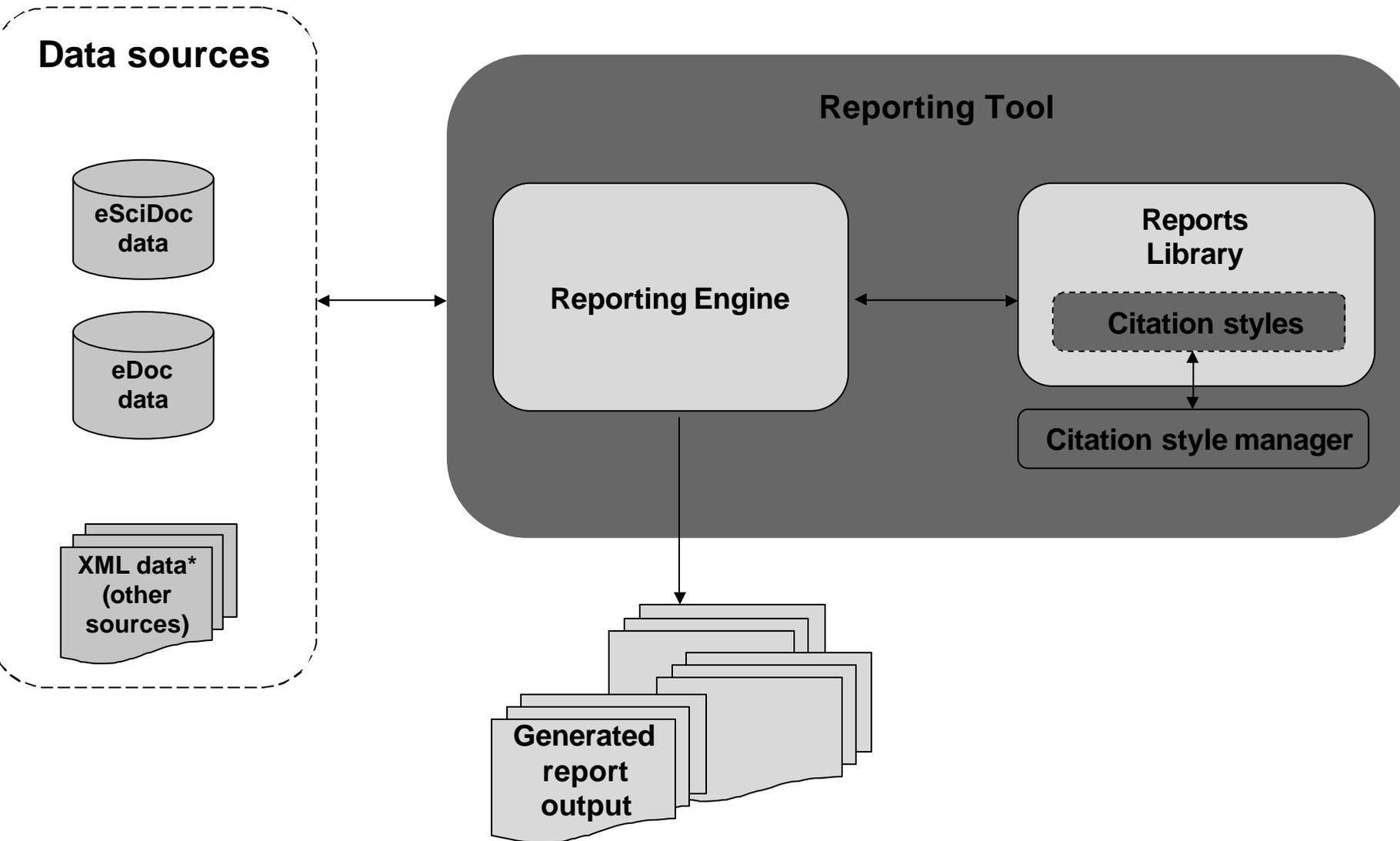
Distribution: project team MPG, eSciDoc project team

Filename: cpt_pubman_reptool_citation_style.ppt

Version	Date	Author	Comment
0.1	31.03.2006	VMA, SMA	Draft concept, GUI Interfaces
0.2	03.04.2006	NBU	Revision
0.3	03.04.2006	THG	Revision
0.4	04.04.06	NBU	Revision
0.41	05.04.2006	THG	Revision



Reporting tool – components overview



* - XML data that can be submitted to the Reporting engine will have to comply to a predefined Citation Style XML schema definition (XSD)

Execute a report in a citation style

Reporting Tool (Alpha Version)

Select Report ▼

Execute Report

1. Select Citation Style ▼

2. Select Reporting Format ▼

3. Select a datasource:

XML	<input type="text"/>	<input type="button" value="Browse..."/>
Basket	<input type="text" value="basket1"/> ▼	

Uploaded user data (XML datasource) must be in Citation XML schema

4. Select output format:

HTML PDF CSV RTF



Input XML for Citation Style Report

```
<?xml version="1.0" encoding="UTF-8"?>
<Records>
  <Record>
    <genre>Article</genre>
    <authors>
      <author type="author">
        <ini>F.</ini>
        <name>Graus</name>
        <given>F.</given>
      </author>
      <author type="author">
        <ini>J.</ini>
        <name>Honnorat</name>
        <given>J.</given>
      </author>
      <author type="author">
        <ini>P.</ini>
        <name>Sillevis Smitt</name>
        <given>P.</given>
      </author>
    </authors>
    <title>Fake document</title>
    <titleof>In: Title of Journal</titleof>
    <vol>125</vol>
    <issuenr>1 Part 1</issuenr>
    <page>1-2</page>
    <artnum>10</artnum>
    <pub_status>accepted</pub_status>
    <date>2003</date>
    <identifiers>
      <identifier type="url">000181213000003</identifier>
      <identifier type="doi">10.1051/0004-6361.20040495</identifier>
      <identifier type="localid">8124</identifier>
    </identifiers>
  </Record>
  .
  <Record>
    <genre>Book</genre>
    <authors>
      <author type="author">
        <ini>C.</ini>
        <name>Wedeler</name>
        <given>C.</given>
      </author>
      <author type="editor">
        <ini>J. J. G. M.</ini>
```



Citation Styles Report Output

Report 1, Citation style: CS_1

F. F. Graus, J.Y. J.Y. Delattre, J.C. J.C. Antoine, J. J. Dalmau, B. B. Giometto, W. W. Grisold, J. J. Honnorat, P. P. Sillevis Smitt: Fake document. In: Title of Journal 125 10, accepted 2003
url: 000181213000003
doi: 10.1051/0004-6361.20040495
localid: 8124

C. C. Vedeler, J.J.G.M. J.J.G.M. Verschuuren, A. A. Vincent, R. R. Voltz: Horror. 126., accepted 2004
url: 122325465-2
doi: 10.1052/0004-6361.20040495
localid: 4281-2

Report 1, Citation style: CS_2

F. F. Graus, J.Y. J.Y. Delattre, J.C. J.C. Antoine, J. J. Dalmau, B. B. Giometto, W. W. Grisold, J. J. Honnorat, P. P. Sillevis Smitt: Fake document. In: Title of Journal 125 10, accepted 2003
url: 000181213000003
doi: 10.1051/0004-6361.20040495
localid: 8124

C. C. Vedeler, J.J.G.M. J.J.G.M. Verschuuren, A. A. Vincent, R. R. Voltz: Horror. 126., accepted 2004
url: 122325465-2
doi: 10.1052/0004-6361.20040495
localid: 4281-2



Citation manager - how it could work



Citation style manager – edit existing/create new citation style

Citation Styles Manager - edit

Select a citation style from the list to edit/ use as template/ delete:

<input checked="" type="radio"/>	eDoc
<input type="radio"/>	eSciDoc

Edit

Create new

Delete

User can:

- edit existing citation style
- create a new citation style using existing style as template
- create a new citation style from scratch



Citation Style Manager – define citation style

Edit Citation Style

Name Multiple Citation Types

Select Citation Type

Type layout parameters

Delimiter StartsWith EndsWith With Font

E. Fischbach, T. Risse, H.-J. Freund: Geometric spectroscopy. In: Physical Review Letters 94, 1829 *single-crystalline MgO(001) film by electron param*

Citation Elements for **Article**

Select	Name	StartsWith	EndsWith	MaxLenght		Font
				Lenght	EndsWith	
<input type="checkbox"/>	authors	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="checkbox"/>	title	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="checkbox"/>	titleof	In: <input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="checkbox"/>	vol	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text" value="Bold"/>
<input type="checkbox"/>	issuenr	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text" value="Normal"/>
<input type="checkbox"/>	pages	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text" value="<space>"/>	<input type="text" value="Normal"/>
<input type="checkbox"/>	date	(<input type="text"/>)	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text" value="Normal"/>

Add Citation Element

<input type="checkbox"/>	type
<input type="checkbox"/>	nameofevent
<input type="checkbox"/>	dateofevent
<input type="checkbox"/>	placeofevent
<input type="checkbox"/>	publisher
<input type="checkbox"/>	identifiers



Reporting tool and citations

- Citation style manager
 - GUI enabled tool to define citation styles
 - Based on Citation XML schema (developed@ZIM)
 - Standalone tool – can be used independent of eSciDoc, eDoc

- Reports library - Citation styles
 - Set of defined and tested citation styles offered to eSciDoc users
 - Users can modify existing and create new citation styles
 - Users can share citation style definitions with other users

- Phase I possible deliverables
 - Predefined citation elements will be offered
 - tbd. Layout parameters can be changed
 - tbd. New elements may be added only by developers
 - tbd. Predefined font styles will be offered
 - tbd. New fonts can be added only by developers



Citation style manager – citation style definition

- Citation – what is it?

- “A **citation** or **bibliographic citation** is a reference to a book, article, web page or other published item, with sufficient details to uniquely identify the item. The word *citation* may be used of the act of citing a work as well as to a reference itself.”

Source: Wikipedia, http://en.wikipedia.org/wiki/Citation_styles

- Citation style –what is it?

- Rules and guidelines for formatting of a citation.
- Examples: APA, MLA, Columbia, Chicago, MPG eDoc, etc.

Source: Wikipedia, http://en.wikipedia.org/wiki/Citation_styles#Format_styles



Citation style manager – Internal definition

- Citation style consists of one (default) or more (e.g. Article, Book, Conference paper, etc.) citation types
- Citation type consists of one or more citation elements and their layout for the respective citation type.
- Citation type including defined layout can be reused by any citation style and the layout can be changed
- Citation element defines derivation of value from Citation XML schema element and default layout of the citation element
- Citation elements including predefined layout can be reused by any citation styles/types
- Citation element predefined layout can be customized for specific citation style/type
- Customization via Layout parameters



Citation style manager – internal structure - Example

Citation style: MPG eDoc

Citation type: Article

Layout parameters

Element	Derivation (predefined)	Int. delimiter	MaxCount	startsWith endsWith	Delimiter	Font
Authors	authors.lastname, authors.initials	,	5 endsWith(et.al.)		:	Italic
Title	title				.	Normal
Journal	sourcetitle			startsWith: In:	space	Normal
Volume	volume					Bold
Issue	issue				<default>	
Pages	Page				<default>	Normal
PublicationYear	Extract YEAR from Date			startsWith: (endsWith:).		Normal

Fischbach E. , Risse T. , Freund H.-J.: Geometric characterization of a singly charged oxygen vacancy on a single-crystalline MgO(001) film by electron paramagnetic resonance spectroscopy. In: Physical Review Letters **94**, 1829, 186101–1-186101–4 (2005).



Layout parameters – Citation type

Name	Description	Value	Can be redefined for citation element
delimiter	Default delimiter to be applied between citation elements in this citation type	Any string	Yes
startsWith	String to insert at the beginning of citation of this citation type	Any string	No
endsWith	String to insert at the end of citation of this citation type	Any string	No
MaxLength	Maximum length of a citation of this citation type. If 0 is specified – no limitation to citation length (default)	>= 0	No
MaxLengthEnds With	Specifies string to end with when citation is cut When both maxLengthEndsWith and endsWith are specified: first maxLengthEndsWith and then endsWith is applied	Any string	No
Font	Font style to be applied to citations of this type	Predefined	Yes

Reserved strings are **newline**, **space**, **tab** and can be applied to the **Value** (where **Any string** is given)



Layout parameters – Citation element

Name	Description	Value	Can be customized	Overwrites citation type parameter
internalDelimiter	Default delimiter to be applied between values of one element when it is repeatable (e.g. one or more authors, one or more identifiers)	Any string	Yes	N/A
maxCount	Number of repeatable values of one element to be included in citation (e.g. Display first 5 authors) If 0 is specified – no limitation to number of values (default)	>=0	Yes	N/A
maxCountEndsWith	String with which to end when only some values of this element are included in citation (e.g. et.al.)	Any string	Yes	N/A
delimiter	Delimiter to be applied between this end next citation elements when associated with a citation type	Any string	Yes	Yes
startsWith	String to insert at the beginning of this element	Any string	Yes	No
endsWith	String to insert at the end of citation of this element	Any string	Yes	No
MaxLength	Maximum length of this element If 0 is specified – no limitation to length (default)	>= 0	Yes	No
MaxLengthEndsWith	Specifies string to end with when element is cut When both maxLengthEndsWith and endsWith are specified: first maxLengthEndsWith and then endsWith is applied	Any string	Yes	No
Font	Font style to be applied to this element	Predefined	Yes	Yes

N/A – parameter is not applicable to this category

