

Gegeben ist das folgende XML-File:

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<?xml version="1.0" encoding="ISO-8859-1" ?>
<Library>
  <responsiblePerson>Alexander Kaiser</responsiblePerson>
  <location>UZA II, Institut. für Informationswirtschaft</location>
  <Book>
    <Title>Java für Studenten - Grundlagen der Programmierung</Title>
    <Author>Douglas Bell, Mike Parr</Author>
    <Date>2003</Date>
    <ISBN>3-8273-7045-0</ISBN>
    <Publisher>Pearson Studium</Publisher>
  </Book>
  <Book>
    <Title>Der LaTeX Begleiter</Title>
    <Author>Michel Goossens, Frank Mittelbach, Alexander Samarin</Author>
    <Date>2000</Date>
    <ISBN>3-8273-7044-2</ISBN>
    <Publisher>Pearson Studium</Publisher>
  </Book>
  <Book>
    <Title>UML2 glasklar</Title>
    <Author>Mario Jeckle, Chriss Rupp, Jürgen Hahn, Barbara Zengler, Stefan Queins</Author>
    <Date>2004</Date>
    <ISBN>3-446-22575-7</ISBN>
    <Publisher>Carl Hanser Verlag</Publisher>
  </Book>
</Library>
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1. Erstellen Sie die RDF-Graphendarstellung der im XML-File enthaltenen Informationen, verwenden Sie nach Möglichkeit Dublin Core (DC) Elemente und führen Sie wo dies sinnvoll ist eigene Ressourcennamen/Eigenschaften ein.
Die Bibliothek soll dabei durch die URL <http://wwwai.wu-wien.ac.at/Library> repräsentiert werden.

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<snip>
  dc:title      ... The name given to the resource by the creator or publisher.
  dc:creator    ... The person(s) or organization(s) primarily responsible for the intellectual content of
                  the resource. For example, authors in the case of written documents, artists, photographers,
                  or illustrators in the case of visual resources.
  dc:subject    ... The topic of the resource, or keywords or phrases that describe the subject or content of the
                  resource. The intent of the specification of this element is to promote the use of controlled
                  vocabularies and keywords. This element might well include scheme-qualified classification data
                  (for example, Library of Congress Classification Numbers or Dewey Decimal numbers) or
                  scheme-qualified controlled vocabularies (such as MEDical Subject Headings or Art and Architecture
                  Thesaurus descriptors) as well.
  dc:description ... A textual description of the content of the resource, including abstracts in the case of
                  document-like objects or content descriptions in the case of visual resources. Future metadata
                  collections might well include computational content description (spectral analysis of a visual
                  resource, for example) that may not be embeddable in current network systems. In such a case this
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field might contain a link to such a description rather than the description itself.

dc:publisher ... The entity responsible for making the resource available in its present form, such as a publisher, a university department, or a corporate entity. The intent of specifying this field is to identify the entity that provides access to the resource.

dc:date ... The date the resource was made available in its present form. The recommended best practice is an 8 digit number in the form YYYYMMDD as defined by ANSI X3.30-1985.

dc:identifier ... String or number used to uniquely identify the resource. Examples for networked resources include URLs and URNs (when implemented). Other globally-unique identifiers, such as International Standard Book Numbers (ISBN) or other formal names would also be candidates for this element.

...

</snip>

2. Stellen Sie den erhaltenen Graphen im N-Triple-Format dar.