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A

Resultados da etapa da escolha de indivíduos

Tabela A.1: Propriedades das classes de material multimídia

ID	Propriedade	Tipo	Número de documentos
Propriedade de tipo de dado			
PD1	http://digitalbazaar.com/media/duration	string (hh:mm:ss)	3788
PD2	http://purl.org/dc/terms/description	string	3788
PD3	http://purl.org/dc/terms/published	datetime	3788
PD4	http://purl.org/dc/terms/title	string	3788
PD5	http://www.w3.org/2000/01/rdf-schema#comment	string	3788
PD6	http://www.w3.org/2000/01/rdf-schema#label	string	3788
PD7	http://www.w3.org/tr/2010/wd-mediaont-10-20100608/copyright	string	3788
PD8	http://www.w3.org/tr/2010/wd-mediaont-10-20100608/createdate	datetime	3788
PD9	http://www.w3.org/tr/2010/wd-mediaont-10-20100608/description	string	3788
PD10	http://www.w3.org/tr/2010/wd-mediaont-10-20100608/duration	string (hh:mm:ss)	3788
PD11	http://www.w3.org/tr/2010/wd-mediaont-10-20100608/format	string	3788
PD12	http://www.w3.org/tr/2010/wd-mediaont-10-20100608/title	string	3788
PD13	http://data.open.ac.uk/podcast/ontology/hasitunesu	string (URI)	3230
Propriedade de objeto			
PO1	http://www.w3.org/tr/2010/wd-mediaont-10-20100608/publisher	URI	13788
PO2	http://digitalbazaar.com/media/depiction	URI	3788
PO3	http://digitalbazaar.com/media/download	URI	3788
PO4	http://www.w3.org/tr/2010/wd-mediaont-10-20100608/locator	URI	3788
PO5	http://purl.org/dc/terms/ispart	URI	3788
PO6	http://purl.org/dc/terms/subject	URI	3788
PO7	http://www.w3.org/1999/02/22-rdf-syntax-ns#type	URI	3788
PO8	http://www.w3.org/tr/2010/wd-mediaont-10-20100608/collection	URI	3788
PO9	http://www.w3.org/tr/2010/wd-mediaont-10-20100608/language	URI	3788
PO10	http://www.w3.org/tr/2010/wd-mediaont-10-20100608/genre	URI	3760

B

Estrutura de documentos no processo de indexação

Tabela B.1: Estrutura do documento da classe

ID	Nome	Descrição	Tipo
ED1	Identificador	Identificador único do documento.	string
ED2	URL	URI da Classe.	URI
ED3	Classe	Classe do indivíduo.	URI

Tabela B.2: Estrutura do documento estatísticas

ID	Nome	Descrição	Tipo
ED1	Identificador	Identificador único do documento.	string
ED2	URL	URI da Classe.	URI
ED2	Estatística	Nome da estatística.	string
ED3	Valor	Valor computado da estatística	integer

Tabela B.3: Estrutura do documento do indivíduo

ID	Nome	Descrição	Tipo
ED1	Identificador	Identificador único do documento.	string
ED2	URL	URI do indivíduo.	URI
ED3	Classe	Classe do indivíduo.	URI
ED4	Objeto	URI do objeto na tripla	text
ED5	Triple	Conjunto de triplas em formato N-Triple. <S> <P> <O> .	Triple
ED6	PropriedadeDado	Propriedade de tipo de dado. <Individuo> <P> <Literal> .	text
ED7	PropriedadeObjeto	Propriedade de objeto. <Individuo> <P> <O>	text
ED8	PropIndObjeto	Propriedade do indivíduo como objeto. <S> <P> <Individuo> .	text
ED9	NumeroPredicados	Número de predicados.	integer
ED10	NumPropObjeto	Número de Propriedades objetos.	integer
ED11	NumPropDado	Número de Propriedades de tipo de dados.	integer
ED12	NumeroRelacoes	Número de relações do indivíduo. <S> <P> <Individuo> . <Individuo> <P> <O> .	integer
ED13	FreqIndObjeto	Frequência do indivíduo como objeto. <S> <P> <Individuo> .	integer
ED14	Palavras	Conjunto de palavras, valores das propriedade de tipo de dado.	text

Tabela B.4: Estrutura do documento do Síndice

ID	Nome	Descrição	Tipo
ED1	Identificador	Identificador único do documento.	string
ED2	Url	Url do individuo que foi extraído as palavras chaves .	URI
ED3	ClasseIndividuo	Classe do individuo que foi extraído as palavras chaves .	URI
ED4	Link	Url da entidade.	URI
ED5	Título	Etiquetas (do inglês <i>Label</i>) do documento.	text
ED6	Ontologia	Lista de ontologias que descrevem a entidade.	texto
ED7	Classe	Lista de classes à pertence a entidade.	text
ED8	Predicado	Lista de predicados usadas para descrever a entidade.	text
ED9	Domínio	Lista de domínios correspondente aos vocabulários usados na descrição.	text
ED10	Formato	Lista de formatos em que foi extraído o documento.	text
ED11	Atualizado	Última data de atualização do documento.	date
ED12	Triple	Conjunto de triplas em formato N-Triple. <S> <P> <O> .	Triple

C

Exemplo de resposta do serviço de indexação

Lista C.1: Resposta do serviço de indexação

```

1 <response>
2   <lst name="responseHeader">
3     <int name="status">0</int>
4     <int name="QTime">1</int>
5     <lst name="params">
6       <str name="sort">numerodepredicados asc</str>
7       <str name="q">*:*</str>
8       <str name="rows">1</str>
9     </lst>
10  </lst>
11  <result name="response" numFound="16003" start="0">
12    <doc>
13      <str name="propriedadedado">
14        http://purl.org/dc/terms/date
15        http://purl.org/dc/terms/title
16        http://www.w3.org/2000/01/rdf-schema#label
17      </str>
18      <str name="id">http://data.open.ac.uk/oro/21672</str>
19      <str name="propindobjeto"/>
20      <int name="numpropdado">3</int>
21      <str name="ntriple">
22        <http://data.open.ac.uk/oro/21672> <http://purl.org/dc/terms/creator>
23        <http://data.open.ac.uk/person/a77bacbec58ae00bfe09279bfeld7e73> .
24        <http://data.open.ac.uk/oro/21672>
25        <http://purl.org/dc/terms/date> "1996-01" .
26        <http://data.open.ac.uk/oro/21672>
27        <http://purl.org/dc/terms/isPartOf>
28        <http://data.open.ac.uk/oro/repository> .
29        <http://data.open.ac.uk/oro/21672> <http://purl.org/dc/terms/title>
30        "Quotations in Plato's Symposium"~<http://www.w3.org/2001/XMLSchema#string> .
31        <http://data.open.ac.uk/oro/21672> <http://purl.org/ontology/bibo/authorList>
32        <http://data.open.ac.uk/oro/21672#authors> .
33        <http://data.open.ac.uk/oro/21672> <http://purl.org/ontology/bibo/presentedAt>
34        <http://data.open.ac.uk/event/ext-9118602e34702b69d3af0f053f49b1b1> .
35        <http://data.open.ac.uk/oro/21672>
36        <http://www.w3.org/1999/02/22-rdf-syntax-ns#type>
37        <http://purl.org/ontology/bibo/AcademicArticle> .
38        <http://data.open.ac.uk/oro/21672>
39        <http://www.w3.org/1999/02/22-rdf-syntax-ns#type>
40        <http://purl.org/ontology/bibo/Article> .
41        <http://data.open.ac.uk/oro/21672>
42        <http://www.w3.org/2000/01/rdf-schema#label>

```

```

43      "Quotations in Plato's Symposium"^^<http://www.w3.org/2001/XMLSchema#string>" .
44    </str>
45    <arr name="objeto">
46      <str>
47        http://data.open.ac.uk/person/a77bacbec58ae00bfe09279bfe1d7e73
48      </str>
49      <str>http://data.open.ac.uk/oro/repository</str>
50      <str>http://data.open.ac.uk/oro/21672#authors</str>
51      <str>
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61      http://purl.org/dc/terms/isPartOf
62      http://purl.org/ontology/bibo/authorList
63      http://purl.org/ontology/bibo/presentedAt
64      http://www.w3.org/1999/02/22-rdf-syntax-ns#type
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72      1996-01 Quotations in Plato's Symposium Quotations in Plato's Symposium
73    </str>
74  </doc>
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76 </response>

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