



 Universidad
de Zaragoza

Introduction (I)

Introduction (II)



□ The problem

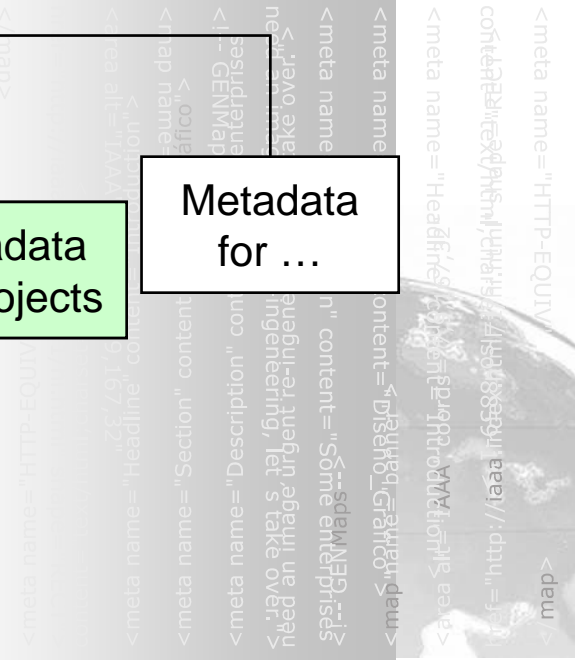
- ❖ Heterogeneous sources of information to be searched and provided
 - Geographic data, locations, services, ...
 - Papers, people, projects, ...
- ❖ It is necessary to develop technology for searching:
 - Geographic data, locations, services, papers, people, projects, ...

□ Our approach

- ❖ Metadata for all
 - Using the "same" metadata standard
- ❖ To develop a unique technology for searching

... is it easy?

```
<meta name="HTTP-EQUIV" content="refresh=300;url=http://www.iaa.es/iaa/iaa.htm" />
<meta name="Headline" content="IAA: el primer centro de investigación en ingeniería de imágenes" />
<meta name="Section" content="Diseño Gráfico" />
<meta name="Description" content="Some enterprising people are taking over the world. They need an image urgent re-engineering, let's take over." />
<!--GENMAPS-->
<map name="Diseño Gráfico" />
</map>
<area name="Headline" coords="0,0,100,100" href="http://www.iaa.es/iaa/iaa.htm" />
</area>
```



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Advantadges (I)

- ❑ To enable a single search interface across heterogeneous metadata schemas
- ❑ To enable the integration or merging of descriptions which are based on complementary but possibly overlapping metadata schemas or standards
- ❑ To enable different views of the one underlying and complete metadata schema, depending on the user's interest, perspective or requirements

one data schema, multiple perspectives



Putting the solution to work

- ❑ CatMDEdit
 - ❖ Open Source metadata creation tool
- ❑ CatServer
 - ❖ Metadata retrieval kernel
- ❑ ia3Catalog
 - ❖ Metadata search services
- ❑ Turnkey products
 - ❖ Gazetteers, Geographic Metadata Catalogs
Geographic Services Catalogs, ...

```

<meta name="HTTP-EQUIV"
content="Refresh;URL=http://iaa.ingemsa.gob.pe/iaa/iaa.html" />
<meta name="Headline" content="Introducción al
Diseño Gráfico" />
<meta name="Section" content="Introducción al
Diseño Gráfico" />
<meta name="Description" content="Some enterprises
need an image urgent re-engineering, let's take over." />
<!-- GENMaps -->
<map name="panther"
content="Diseño Gráfico" />
<meta name="HTTP-EQUIV"
content="Refresh;URL=http://iaa.ingemsa.gob.pe/iaa/iaa.html" />
<meta name="Headline" content="Introducción al
Diseño Gráfico" />
<meta name="Section" content="Introducción al
Diseño Gráfico" />
<meta name="Description" content="Some enterprises
need an image urgent re-engineering, let's take over." />
<!-- GENMaps -->
<map name="panther"
content="Diseño Gráfico" />

```


Conclusions

- ❑ Metadata Common Core approach
 - ❖ Dublin Core
- ❑ A unique technology for searching
- ❑ Used in industrial products

```
<meta name="HTTP-EQUIV">  
</map>  
  
conflict.html, chapter 4  
<meta name="Headline" content="Urgent re-engineering, let's take over!">  
area alt="AAAA" coords="7,9,167,32"  
  
<meta name="Section" content="Diseno_Grafico">  
<map name="Banner">  
<<introduction">  
<meta name="Headline" content="Urgent re-engineering, let's take over!">  
<i-- GENMaps -->  
<meta name="Description" content="Some enterprised need an image urgent re-engineering, let's take over.">  
<!-- GENMaps -->  
<meta name="Diseno_Grafico">  
<map name="Banner">  
</map>  
</map>
```

Thanks for your attention

