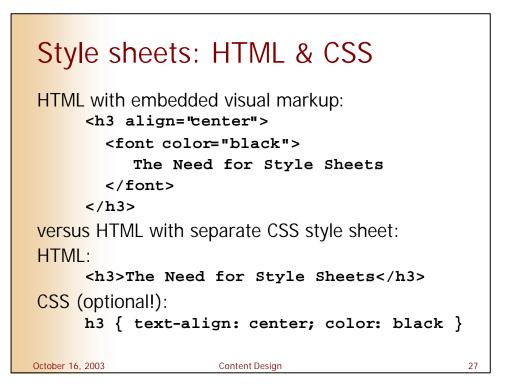


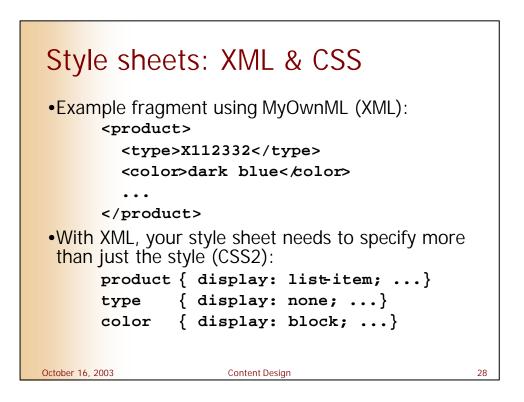


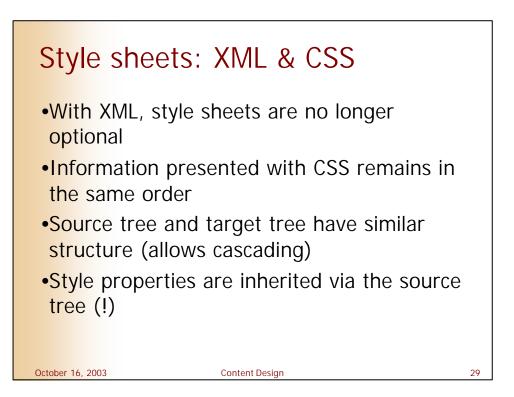
Bloodtype	W3C/HTML		
Markup	HTML		x
Style	CSS		
Linking	<a href="&lt;/td"><td></td><td></td></a>		
Addressing	<a name<="" td=""><td></td><td></td></a>		
	1		l

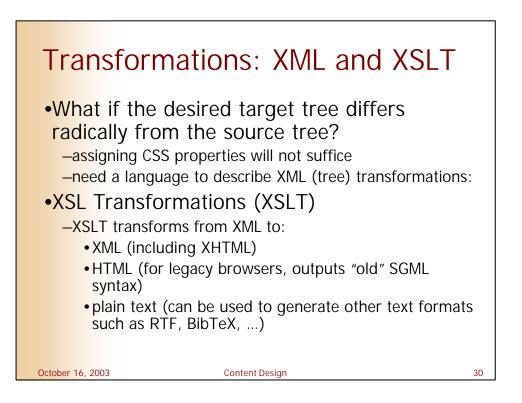
Bloodtyp	<sup>e</sup> W3C/HTML	ISO/SGML
Markup	HTML	SGML
Style	CSS	DSSSL
Linking	<a href="&lt;/td"><td>HyTime, TEI</td></a>	HyTime, TEI
Addressing	<a name<="" td=""><td>HyTime, TEI</td></a>	HyTime, TEI

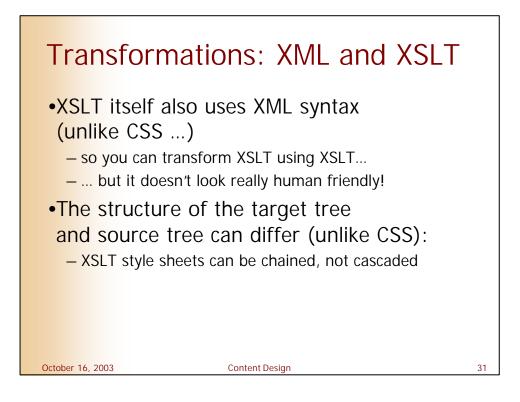
Bloodtype	W3C/HTML	W3C/XML	ISO/SGML
<mark>Markup</mark>	HTML	XML	SGML
Style	CSS	CSS, XSLT, XSL FO	DSSSL
_inking	<a href="&lt;/td"><td>XLink</td><td>HyTime, TEI</td></a>	XLink	HyTime, TEI
Addressing	<a name<="" td=""><td>XPath,</td><td>HyTime,</td></a>	XPath,	HyTime,
		XPointer	TEI

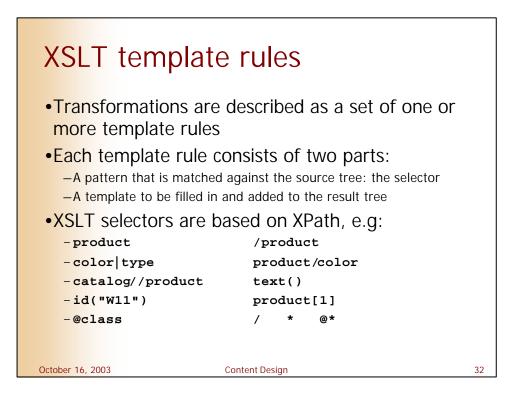








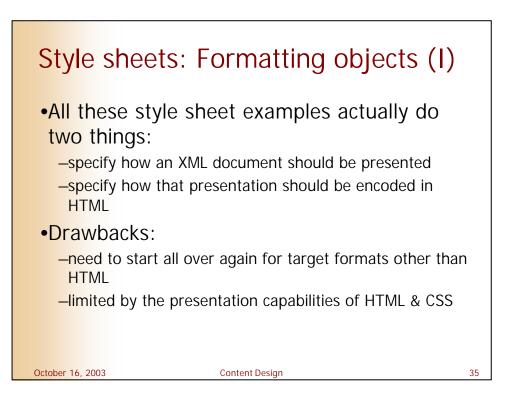


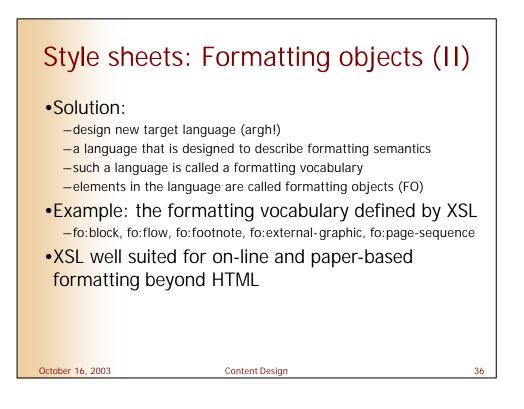


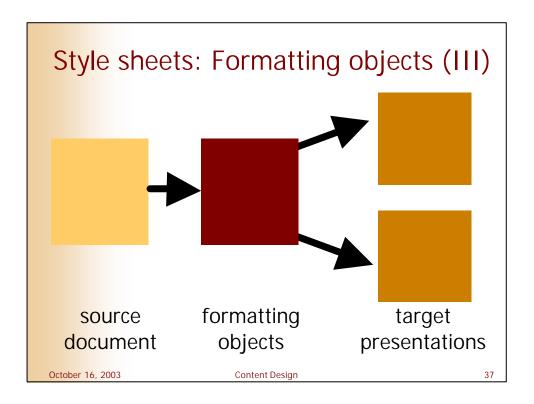
## XSLT: Example (I)

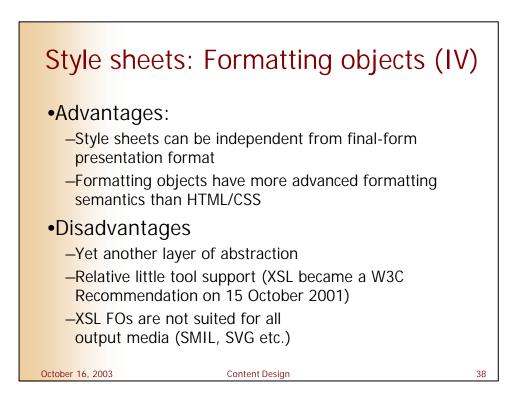
```
A single template rule may be sufficient...
<xsl:template match="/">
  <html>
   <head>
    <title>Product Report Summary</title>
    </head><body>
    ...
     <xsl:value-of select="product/type"/>
     <xsl:value-of select="product color"/>
     ... ...</body></html>
</r>sl:template>
October 16, 2003
                  Content Design
                                          33
```

```
XSLT: Example (II)
... or a style sheet can contain many (smaller) template rules
<xsl:template match="/">
 <xsl:apply-templates/>
 </xsl:template>
<xsl:template match="product">
 \langle tr \rangle
  <xsl:apply-templates/>
 </mmsl:template>
 <xsl:template match='color|type">
  >
   <xsl:apply-templates/>
  </xsl:template>
October 16, 2003
                                                      34
                       Content Design
```

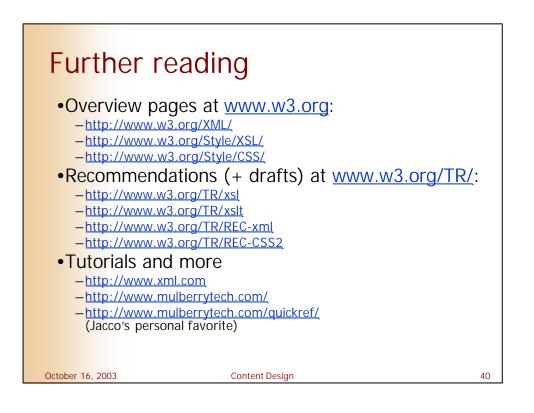


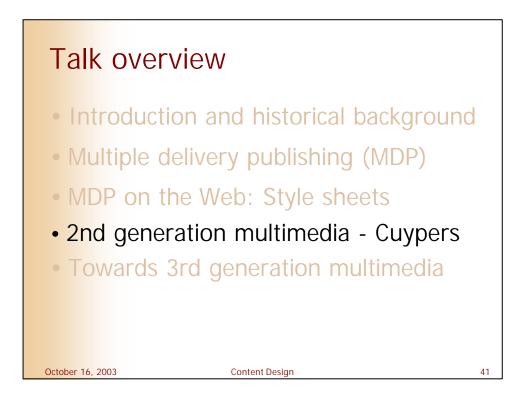


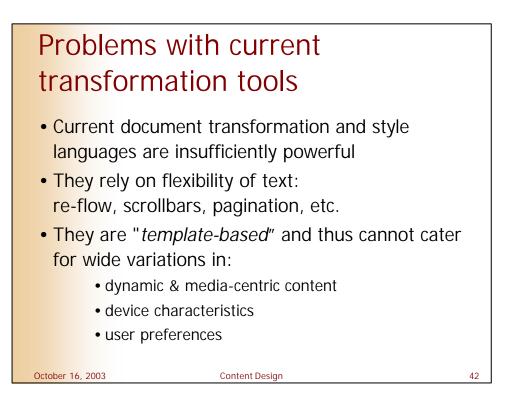


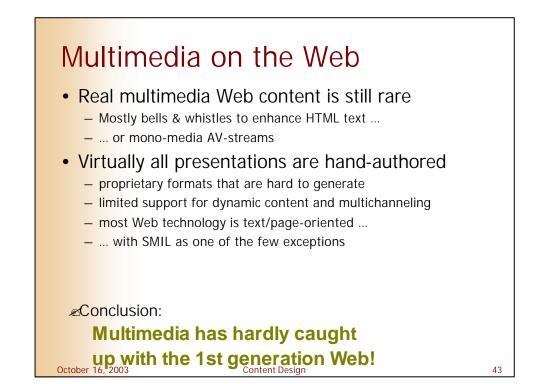


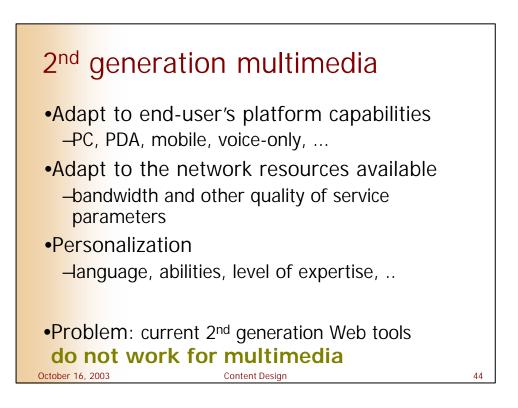


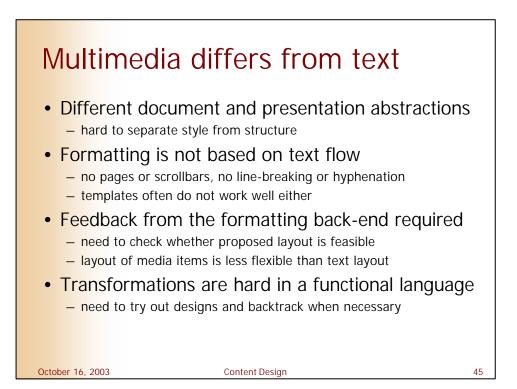


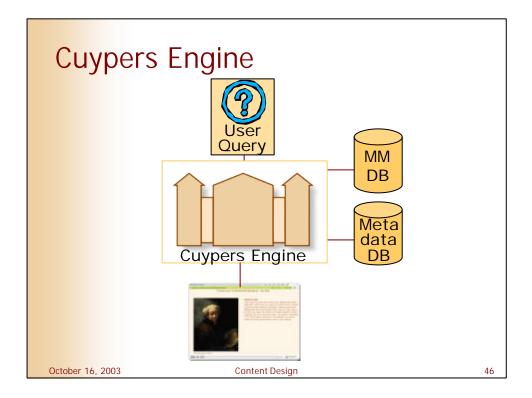


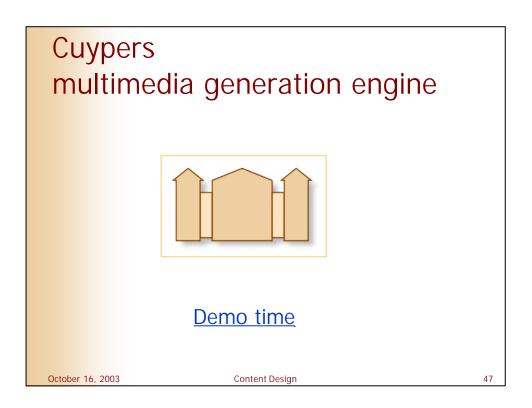




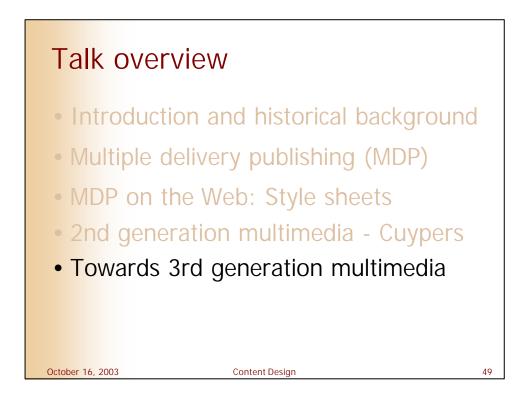


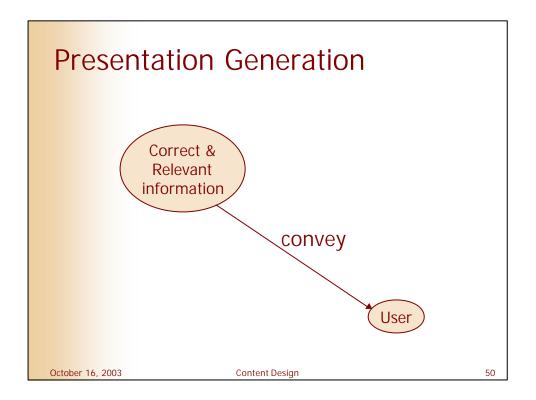








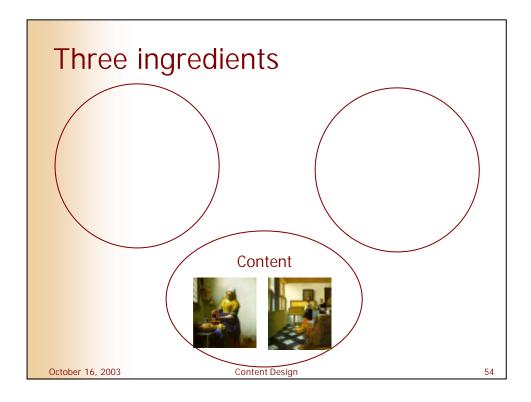












## Content of example







Genre paintings, drawings or prints depict people in their everyday surroundings: at home, in a café or at work. They appear to be painted from life, but in reality were usually thought up in the artist's studio. Sometimes (but not always!) they contain a moral lesson. In some works the message is clear, in other cases the viewer has to make an effort to interpret the picture. Often, however, these household scenes are simply decorative paintings designed to entertain and amuse.



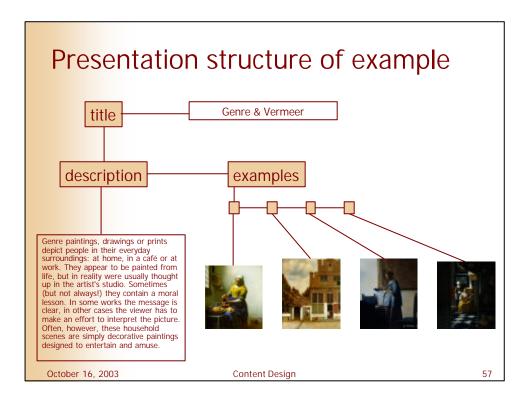


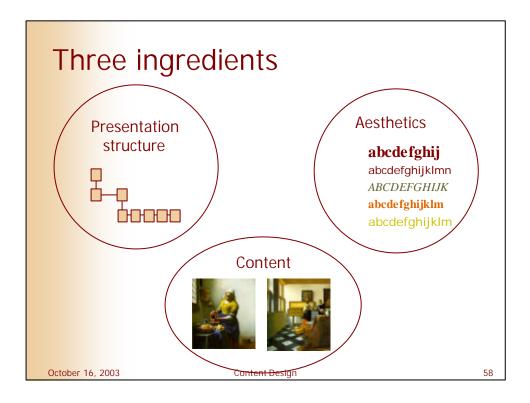


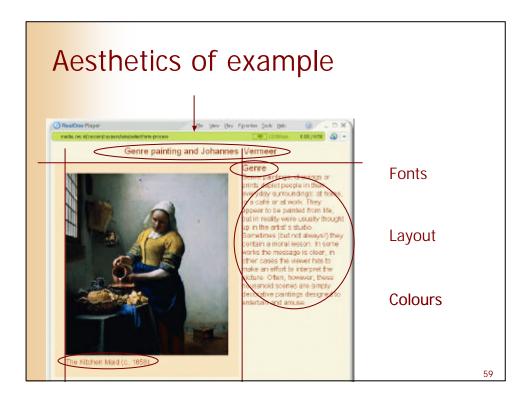
 Presentation

 Output

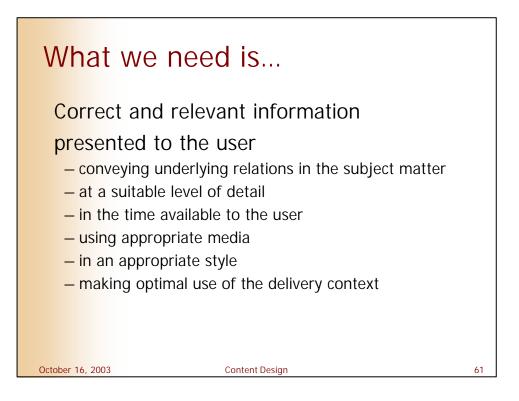
 Output



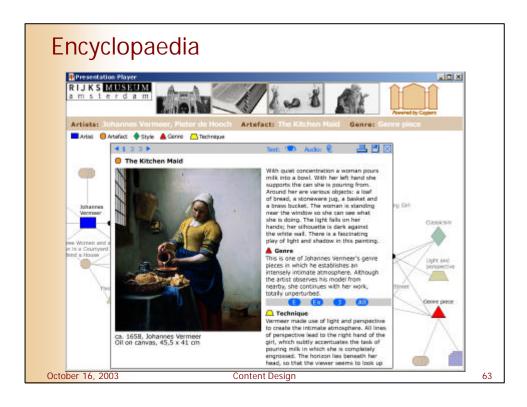






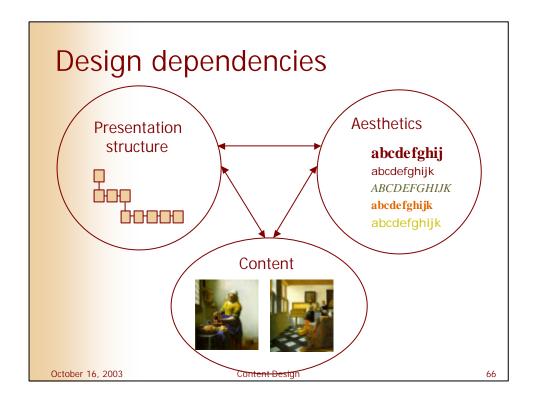


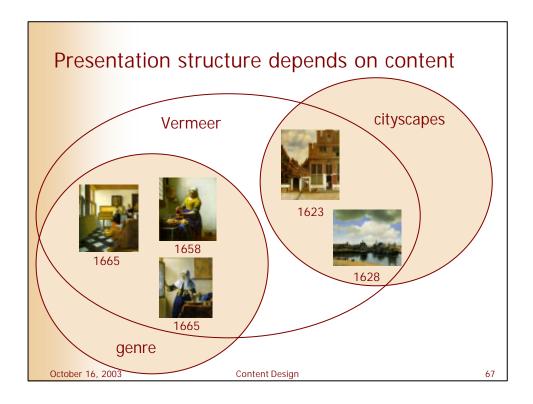
Create models				
Need	Knowledge of			
Convey underlying relat	ons Domain			
Suitable level of detail	Discourse			
Time available to user	User task			
Appropriate media	Media characteristics			
Appropriate style	Graphic design			
Device characteristics	Device capabilities			
October 16, 2003 Co	itent Design 62			

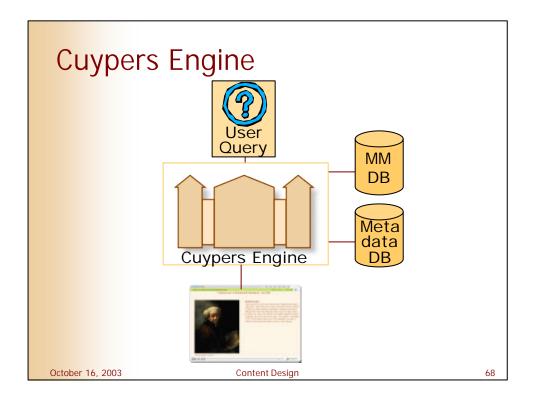


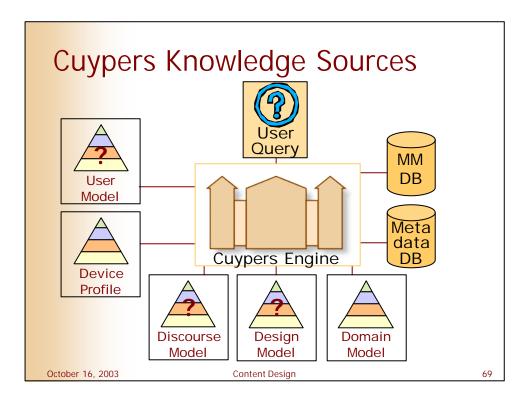


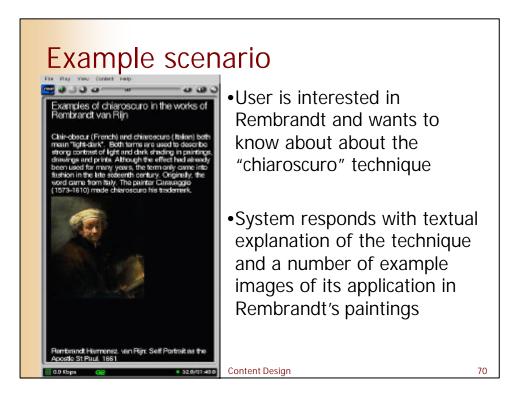
Create models				
Need	Knowledge of			
Convey underlying relations	Domain			
Suitable level of detail	Discourse			
Time available to user	User task			
Appropriate media	Media characteristics			
Appropriate style	Graphic design			
Device characteristics	Device capabilities			
to drive the creation of presentations				
October 16, 2003 Content De	sign 65			

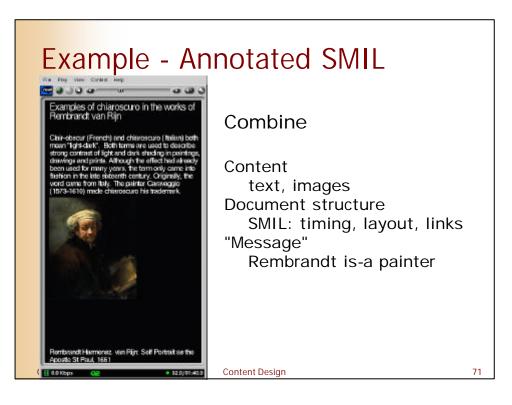












## Using an existing ontology See http://www.cwi.nl/~media/semantics/ <?xml version="1.0"?> <!-- taken from http://www.ics.forth.gr/proj/isst/RDF/RQL/rql.html --> <rdf:RDF xml:lang="en" mlns:rdf="http://www.w3.org/1999/02/22rdf-syntax-ns#" xmlns:rdfs="http://www.w3.org/TR/2000/CRrdf-schema-20000327#" xmlns=""> <rdfs:Class rdf:ID="Artist"/> <rdfs:Class rdf:ID="Artifact"/> <rdfs:Class rdf:ID="Museum"/> <rdfs:Class rdf:ID="Painter"> <rdfs:subClassOf rdf:resource="#rtist"/> </rdfs:Class> <rdfs:Class rdf:ID="Painting"> <rdfs:subClassOf rdf:resource="#rtifact"/> </rdfs:Class> . . </rdf:RDF> October 16, 2003 Content Design

