

```
1: <?xml version="1.0" encoding="UTF-8"?>
2:
3: <!-- stylesheet for It's Time for B2B! -->
4: <xsl:stylesheet version="1.0" xmlns:xalan="http://xml.apache.org/xslt" xmlns:xsl="http://www.w3.org/1999/XSL/Transform"
>
5:
6:     <!-- stylesheet parameter specifying a date and time in ISO 8601:2000 format -->
7:     <xsl:param name="datetime"/>
8:
9:     <!-- output pretty-printed results as XHTML 1.0 -->
10:    <xsl:output encoding="UTF-8" indent="yes" method="xml" xalan:indent-amount="4"/>
11:
12:    <!-- default template converting $datetime to OAG's DATETIME format -->
13:    <xsl:template match="/">
14:
15:        <!-- TODO -->
16:
17:    </xsl:template>
18:
19: </xsl:stylesheet>
```

```
1: <?xml version="1.0" encoding="UTF-8"?>
2:
3: <!-- =====
4:      Buildfile for Project 2, version 6.0
5:      Computer Science E-259
6:
7:      This buildfile "shipped" in the root of the following hierarchy.
8:
9:          project2-6.0/
10:             b2b/
11:             myblockbuster/
12:             gif/
13:             jpg/
14:             xhtml/
15:             xml/
16:             xsl/
17:             xtube/
18:                 gif/
19:                 logos/
20:                 map/
21:                 miscellany/
22:             pdf/
23:             svg/
24:             wav/
25:             xhtml/
26:             xml/
27:             xsl/
28:
29:      To apply myblockbuster.xsl to myblockbuster.xml, execute
30:      'ant transform-myblockbuster' from within project2-6.0/.
31:
32:      To apply xtube.xsl to xtube.xml for XHTML, execute
33:      'ant transform-xtube-xhtml' from within project2-6.0/.
34:
35:      To apply xtube.xsl to xtube.xml for SVG, execute
36:      'ant transform-xtube-svg' from within project2-6.0/.
37:
38:      To apply converter.xsl to xtube.xml, execute
39:      'ant convert-xtube' from within project2-6.0/.
40:
41:      To apply all transformations, execute 'ant transform' or
42:      just 'ant' from within project2-6.0/.
43:
44:      To publish My Blockbuster's XHTML at
45:      http://www.people.fas.harvard.edu/~username/cscie259/project2-6.0/myblockbuster/,
```

```
46:      where username is your FAS username, execute 'ant publish-myblockbuster'
47:      from within project2-6.0/.
48:
49:      To publish XTube's XHTML at
50:      http://www.people.fas.harvard.edu/~username/cscie259/project2-6.0/xtube/,
51:      where username is your FAS username, execute 'ant publish-xtube-xhtml'
52:      from within project2-6.0/.
53:
54:      To publish XTube's SVG at
55:      http://www.people.fas.harvard.edu/~username/cscie259/project2-6.0/xtube/,
56:      where username is your FAS username, execute 'ant publish-xtube-svg'
57:      from within project2-6.0/.
58:
59:      To publish all transformations' output at
60:      http://www.people.fas.harvard.edu/~username/cscie259/xhtml/project2-6.0/,
61:      where username is your FAS username, execute 'ant publish'
62:      from within project2-6.0/.
63: ===== -->
64:
65: <project name="project2" default="transform" basedir=". ">
66:
67:     <description>Project 2</description>
68:
69:     <!-- init -->
70:     <target name="init">
71:
72:         <!-- set the standard DSTAMP, TSTAMP, and TODAY properties -->
73:         <!-- according to the default formats -->
74:         <tstamp/>
75:
76:     </target>
77:
78:     <!-- apply My Blockbuster's transformation -->
79:     <target name="transform-myblockbuster"
80:         depends="init"
81:         description="apply myblockbuster.xsl to myblockbuster.xml">
82:         <java classname="org.apache.xalan.xslt.Process" fork="true">
83:             <arg line="-IN myblockbuster/xml/myblockbuster.xml"/>
84:             <arg line="-XSL myblockbuster/xsl/myblockbuster.xsl"/>
85:             <arg line="-OUT myblockbuster/xhtml/myblockbuster.html"/>
86:         </java>
87:     </target>
88:
89:     <!-- apply XTube's transformation for XHTML -->
90:     <target name="transform-xtube-xhtml"
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```
91:         depends="init"
92:         description="apply xtube.xsl to xtube.xml for XHTML output">
93:     <java classname="org.apache.xalan.xslt.Process" fork="true">
94:         <arg line="-IN xtube/xml/xtube.xml"/>
95:         <arg line="-XSL xtube/xsl/xtube.xsl"/>
96:         <arg line="-OUT xtube/xhtml/xtube.html"/>
97:         <arg line="-PARAM mode xhtml"/>
98:     </java>
99: </target>
100:
101: <!-- apply XTube's transformation for SVG -->
102: <target name="transform-xtube-svg"
103:     depends="init"
104:     description="apply xtube.xsl to xtube.xml for SVG output">
105:     <java classname="org.apache.xalan.xslt.Process" fork="true">
106:         <arg line="-IN xtube/xml/xtube.xml"/>
107:         <arg line="-XSL xtube/xsl/xtube.xsl"/>
108:         <arg line="-OUT xtube/svg/xtube.svg"/>
109:         <arg line="-PARAM mode svg"/>
110:     </java>
111: </target>
112:
113: <!-- apply XTube's converter -->
114: <target name="convert-xtube"
115:     depends="init"
116:     description="apply converter.xsl to xtube.xml">
117:     <java classname="org.apache.xalan.xslt.Process" fork="true">
118:         <arg line="-IN xtube/xml/xtube.xml"/>
119:         <arg line="-XSL xtube/xsl/converter.xsl"/>
120:         <arg line="-OUT xtube/xml/converted.xml"/>
121:     </java>
122: </target>
123:
124: <!-- apply all transformations -->
125: <target name="transform"
126:     depends="transform-myblockbuster,transform-xtube-xhtml,transform-xtube-svg,convert-xtube"
127:     description="apply all transformations"/>
128:
129: <!-- publish My Blockbuster's XHTML -->
130: <target name="publish-myblockbuster"
131:     depends="transform-myblockbuster"
132:     description="publish My Blockbuster's XHTML">
133:     <copy todir="${user.home}/public_html/cscie259/project2-6.0/myblockbuster">
134:         <fileset dir="myblockbuster">
135:             <include name="gif/**/*.gif"/>
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136:         <include name="jpg/**/*"/>
137:         <include name="xhtml/**/*"/>
138:     </fileset>
139: </copy>
140: <chmod parallel="false"
141:     perm="a+rX"
142:     dir="${user.home}/public_html/cscie259/project2-6.0/myblockbuster"
143:     includes="**/*"
144:     type="both"/>
145: </target>
146:
147: <!-- publish XTube's XHTML and SVG -->
148: <target name="publish-xtube"
149:     depends="publish-xtube-xhtml,publish-xtube-svg"
150:     description="publish XTube's XHTML and SVG"/>
151:
152: <!-- publish XTube's XHTML -->
153: <target name="publish-xtube-xhtml"
154:     depends="transform-xtube-xhtml"
155:     description="publish XTube's XHTML">
156:     <copy todir="${user.home}/public_html/cscie259/project2-6.0/xtube">
157:         <fileset dir="xtube">
158:             <include name="gif/**/*"/>
159:             <include name="wav/**/*"/>
160:             <include name="xhtml/**/*"/>
161:         </fileset>
162:     </copy>
163:     <chmod parallel="false"
164:         perm="a+rX"
165:         dir="${user.home}/public_html/cscie259/project2-6.0/xtube"
166:         includes="**/*"
167:         type="both"/>
168: </target>
169:
170: <!-- publish XTube's SVG -->
171: <target name="publish-xtube-svg"
172:     depends="transform-xtube-svg"
173:     description="publish XTube's XHTML">
174:     <copy todir="${user.home}/public_html/cscie259/project2-6.0/xtube">
175:         <fileset dir="xtube">
176:             <include name="gif/**/*"/>
177:             <include name="svg/**/*"/>
178:             <include name="wav/**/*"/>
179:         </fileset>
180:     </copy>
```

```
181:         <chmod parallel="false"
182:             perm="a+rX"
183:             dir="{user.home}/public_html/cscie259/project2-6.0/xtube"
184:             includes="**/*"
185:             type="both"/>
186:     </target>
187:
188:     <!-- publish both transformations' output -->
189:     <target name="publish"
190:         depends="publish-myblockbuster,publish-xtube-xhtml,publish-xtube-svg"
191:         description="publish both transformations' output"/>
192:
193: </project>
```

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1: <?xml version="1.0" encoding="iso-8859-1"?>
2:
3: <!-- =====
4:     Database of actors and movies for Project 2, version 6.0
5:     Computer Science E-259
6: ===== -->
7:
8: <database>
9:     <actors>
10:         <actor id="00000001">Tuzman, Kaleil</actor>
11:         <actor id="00000002">Herman, Tom</actor>
12:         <actor id="00000015">Anderson, Jeff</actor>
13:         <actor id="00000030">Bishop, Kevin</actor>
14:         <actor id="0000000f">Bonet, Lisa</actor>
15:         <actor id="00000024">Bowz, Eddie</actor>
16:         <actor id="0000002d">Curry, Tim</actor>
17:         <actor id="00000033">Dullea, Keir</actor>
18:         <actor id="00000042">Fisher, Carrie</actor>
19:         <actor id="00000006">Ford, Harrison</actor>
20:         <actor id="00000045">Foster, Jodie</actor>
21:         <actor id="00000018">Ghigliotti, Marilyn</actor>
22:         <actor id="0000000c">Hackman, Gene</actor>
23:         <actor id="0000003f">Hamill, Mark</actor>
24:         <actor id="00000027">Heames, Darin</actor>
25:         <actor id="0000001e">Heche, Anne</actor>
26:         <actor id="00000003">Jones, Tommy Lee</actor>
27:         <actor id="00000039">Lockwood, Gary</actor>
28:         <actor id="00000048">McConaughey, Matthew</actor>
29:         <actor id="0000003c">Richter, Daniel</actor>
30:         <actor id="00000021">Schwimmer, David</actor>
31:         <actor id="00000009">Smith, Will</actor>
32:         <actor id="0000001b">Spoonhauer, Lisa</actor>
33:         <actor id="00000036">Sylvester, William</actor>
34:         <actor id="0000002a">Todd, Antonio</actor>
35:         <actor id="00000012">Voight, Jon</actor>
36:         <actor id="0000004b">Woods, James</actor>
37:         <actor id="2096814035">Manesse, Gaspard</actor>
38:         <actor id="325442748">Feito, Raphael</actor>
39:         <actor id="4231919377">Morier, Philippe</actor>
40:         <actor id="2142583927">Racette, Francine</actor>
41:         <actor id="916503204">Beatles, The</actor>
42:         <actor id="916503205">Neeson, Liam</actor>
43:         <actor id="916503206">Pinocchio, Mr.</actor>
44:         <actor id="916503207">Parillaud, Anne</actor>
45:         <actor id="916503208">Pitt, Brad</actor>
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46:         <actor id="916503209">Freeman, Morgan</actor>
47:         <actor id="916503211">Domingo, Placido</actor>
48:         <actor id="916503210">Sharif, Omar</actor>
49:     </actors>
50:     <movies>
51:         <movie id="id1234567">
52:             <title>Startup.com</title>
53:             <image>startup.jpg</image>
54:             <genre>documentary</genre>
55:             <rating>R</rating>
56:             <summary>The rise and fall of the American dream.</summary>
57:             <details>Friends since high school, 20-somethings Kaleil Isaza Tuzman and Tom Herman have an idea: a Web si
te for people to conduct business with municipal governments. This documentary tracks the rise and fall of govWorks.com from M
ay of 1999 to December of 2000, and the trials the business brings to the relationship of these best friends.</details>
58:             <year>2001</year>
59:             <director>Chris Hegedus</director>
60:             <studio>Artisan</studio>
61:             <user_rating>4</user_rating>
62:             <runtime>107</runtime>
63:             <actorRef>000000001</actorRef>
64:             <actorRef>000000002</actorRef>
65:             <vhs>19.99</vhs>
66:             <vhs_stock>106</vhs_stock>
67:             <dvd>26.99</dvd>
68:             <dvd_stock>118</dvd_stock>
69:             <beta>0.99</beta>
70:             <beta_stock>2</beta_stock>
71:         </movie>
72:         <movie id="id1235AA0">
73:             <title>Fugitive, The</title>
74:             <image>fugitive.jpg</image>
75:             <genre>action</genre>
76:             <rating>PG-13</rating>
77:             <summary>Tommy Lee Jones and Harrison Ford are the hunter and the hunted in this fast-paced story of a fals
ely convicted man who escapes to find his wife's true killer.</summary>
78:             <details>Harrison Ford and Tommy Lee Jones race through the breathless manhunt movie based on the classic T
V series. Ford is prison escapee Dr. Richard Kimble, a Chicago surgeon falsely convicted of killing his wife and determined to
prove his innocence by leading his pursuers to the one-armed man who actually committed the crime.</details>
79:             <year>1997</year>
80:             <director>Andrew Davis</director>
81:             <studio>Warner</studio>
82:             <user_rating>4</user_rating>
83:             <runtime>110</runtime>
84:             <actorRef>000000003</actorRef>
85:             <actorRef>000000006</actorRef>
```

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86:         <vhs>13.99</vhs>
87:         <vhs_stock>206</vhs_stock>
88:         <dvd>14.99</dvd>
89:         <dvd_stock>125</dvd_stock>
90:         <beta>1.03</beta>
91:         <beta_stock>12</beta_stock>
92:     </movie>
93:     <movie id="id1244100">
94:         <title>Enemy of the State</title>
95:         <image>enemyofthestate.jpg</image>
96:         <genre>action</genre>
97:         <rating>R</rating>
98:         <summary>After a chance meeting with an old pal, Robert Deal finds himself in posession of a disk that cont
ains evidence of an assassination plot by the NSA.</summary>
99:         <details>It's not paranoia if they're really after you. Will Smith (Men in Black) stars as attorney Robert
Clayton Dean, a man at the center of a high-stakes pursuit when he inadvertently comes into possession of secret information i
mplicating corrupt officials within the government.</details>
100:         <year>1999</year>
101:         <director>Tony Scott</director>
102:         <studio>Buena vista</studio>
103:         <user_rating>5</user_rating>
104:         <runtime>113</runtime>
105:         <actorRef>00000009</actorRef>
106:         <actorRef>0000000c</actorRef>
107:         <actorRef>0000000f</actorRef>
108:         <actorRef>00000012</actorRef>
109:         <vhs>16.99</vhs>
110:         <vhs_stock>188</vhs_stock>
111:         <dvd>29.99</dvd>
112:         <dvd_stock>353</dvd_stock>
113:         <LaserDisk>12.57</LaserDisk>
114:         <LaserDisk_stock>203</LaserDisk_stock>
115:     </movie>
116:     <movie id="id124E230">
117:         <title>Clerks</title>
118:         <image>clerks.jpg</image>
119:         <genre>comedy</genre>
120:         <rating>R</rating>
121:         <summary>Spend a day at work with two friends and their quirky customers at a video shop and convenience st
ore.</summary>
122:         <details>A day-in-the-life of two men that work as cleks in adjacent video and convenience stores. The stor
y follows the two through an agonizing day at work, a surprise hit at the 1994 Cannes film festival.</details>
123:         <year>1999</year>
124:         <director>Kevin Smith</director>
125:         <studio>Buena vista</studio>
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126:         <user_rating>3</user_rating>
127:         <runtime>97</runtime>
128:         <actorRef>00000015</actorRef>
129:         <actorRef>00000018</actorRef>
130:         <actorRef>0000001b</actorRef>
131:         <beta>23.97</beta>
132:         <beta_stock>419</beta_stock>
133:     </movie>
134:     <movie id="idl124F050">
135:         <title>Six Days Seven Nights</title>
136:         <image>sixdayssevennights.jpg</image>
137:         <genre>comedy</genre>
138:         <rating>PG-13</rating>
139:         <summary>A classy magazine editor and her gruff pilot must put aside their mutual dislike for each other to
survive on a deserted island.</summary>
140:         <details>Robin Monroe, a New York magazine editor, headed to a paradise island for a photo shoot, and the g
ruff pilot, Quinn Harris, who is flying her there, must put aside their mutual dislike for each other when their small plane c
rashes on a deserted South Seas island. Now, at the mercy of the ocean and the island's jungles, they must help each other sur
vive.</details>
141:         <year>1998</year>
142:         <director>Ivan Reitman</director>
143:         <studio>Buena vista</studio>
144:         <user_rating>2</user_rating>
145:         <runtime>123</runtime>
146:         <actorRef>00000006</actorRef>
147:         <actorRef>0000001e</actorRef>
148:         <actorRef>00000021</actorRef>
149:         <vhs>16.99</vhs>
150:         <vhs_stock>327</vhs_stock>
151:         <LaserDisk>12.00</LaserDisk>
152:         <LaserDisk_stock>10</LaserDisk_stock>
153:         <beta>10.75</beta>
154:         <beta_stock>251</beta_stock>
155:     </movie>
156:     <movie id="idl1250FA0">
157:         <title>Fear, The</title>
158:         <image>fear.jpg</image>
159:         <genre>horror</genre>
160:         <rating>R</rating>
161:         <summary>Grad students find a mannequin and their worst fears come true.</summary>
162:         <details>A graduate psychology student organizes a weekend retreat at his childhood mountain home for a gro
up to face its deepest fears. There they find a mannequin he used to have as a playmate, and when they do their worst fears st
art to come true.</details>
163:         <year>1995</year>
164:         <director>Vincent Robert</director>
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165:         <studio>Simitar Video</studio>
166:         <user_rating>2</user_rating>
167:         <runtime>96</runtime>
168:         <actorRef>00000024</actorRef>
169:         <actorRef>00000027</actorRef>
170:         <actorRef>0000002a</actorRef>
171:         <dvd>12.99</dvd>
172:         <dvd_stock>309</dvd_stock>
173:     </movie>
174:     <movie id="id1250020">
175:         <title>Muppet Treasure Island</title>
176:         <image>muppettreasureisland.jpg</image>
177:         <genre>family</genre>
178:         <rating>G</rating>
179:         <summary>The Muppets appear in a classic tale of treasure and pirates.</summary>
180:         <details>Kermit, Gonzo, Rizzo the Rat and Miss Piggy hit the high seas in this adaptation of Robert Louis S
tevenson's classic adventure tale in which young Jim Hawkins tries to keep his coveted treasure map from the dastardly Long Jo
hn Silver.</details>
181:         <year>1996</year>
182:         <director>Brian Henson</director>
183:         <studio>Image Entertainment</studio>
184:         <user_rating>4</user_rating>
185:         <runtime>99</runtime>
186:         <actorRef>0000002d</actorRef>
187:         <actorRef>00000030</actorRef>
188:         <LaserDisk>33.99</LaserDisk>
189:         <LaserDisk_stock>190</LaserDisk_stock>
190:     </movie>
191:     <movie id="id125BCC0">
192:         <title>2001: A Space Odyssey</title>
193:         <image>2001.jpg</image>
194:         <genre>drama</genre>
195:         <rating>PG</rating>
196:         <summary>An epic tale of space travel and evolution.</summary>
197:         <details>A mysterious monolith awakens the imagination of man's distant ancestors; A second one awaits his
giant leap to the moon; And in orbit around Jupiter a third beckons man to transcend beyond the limits of his body and his ma
chines. Stanley Kubrick's cosmic metaphor of human evolution remains an unfaded visual achievement.</details>
198:         <year>1968</year>
199:         <director>Stanley Kubrick</director>
200:         <studio>Warner Studios</studio>
201:         <user_rating>1</user_rating>
202:         <runtime>148</runtime>
203:         <actorRef>00000033</actorRef>
204:         <actorRef>00000036</actorRef>
205:         <actorRef>00000039</actorRef>
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206:         <actorRef>0000003c</actorRef>
207:         <vhs>16.99</vhs>
208:         <vhs_stock>120</vhs_stock>
209:         <dvd>21.49</dvd>
210:         <dvd_stock>54</dvd_stock>
211:         <beta>32.55</beta>
212:         <beta_stock>231</beta_stock>
213:     </movie>
214:     <movie id="id1256990">
215:         <title>Star Wars</title>
216:         <image>starwars.jpg</image>
217:         <genre>action</genre>
218:         <rating>PG</rating>
219:         <summary>Luke embarks on an epic journey in a galaxy far far away.</summary>
220:         <details>A young man on a desert planet joins a desperate rebellion against the evil galactic Empire after
his aunt and uncle are murdered by Imperial stormtroopers.</details>
221:         <year>1977</year>
222:         <director>George Lucas</director>
223:         <studio>Fox Films</studio>
224:         <user_rating>5</user_rating>
225:         <runtime>121</runtime>
226:         <actorRef>0000003f</actorRef>
227:         <actorRef>00000042</actorRef>
228:         <actorRef>00000006</actorRef>
229:         <vhs>19.99</vhs>
230:         <vhs_stock>312</vhs_stock>
231:         <LaserDisk>34</LaserDisk>
232:         <LaserDisk_stock>95</LaserDisk_stock>
233:     </movie>
234:     <movie id="id1263D00">
235:         <title>Contact</title>
236:         <image>contact.jpg</image>
237:         <genre>drama</genre>
238:         <rating>PG</rating>
239:         <summary>A scientist makes contact with intelligent life and travels billions of miles to meet them.</summa
ry>
240:         <details>Devoted astronomer Dr. Ellie Arroway undertakes an emotional and spiritual journey after receiving
the message she's waited for all her life--a mysterious signal beamed in from alien beings, who pass along instructions for b
uilding and piloting a craft that will presumably survive the passage from Earth to their home. While struggling to fund her m
ission, Arroway also struggles with her feelings about the nature of things, particularly after meeting a charismatic New Age
believer who questions her disbelief in God.</details>
241:         <year>1997</year>
242:         <director>N/A</director>
243:         <studio>Warner Studios</studio>
244:         <user_rating>3</user_rating>
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245:         <runtime>150</runtime>
246:         <actorRef>000000045</actorRef>
247:         <actorRef>000000048</actorRef>
248:         <actorRef>00000004b</actorRef>
249:         <vhs>16.99</vhs>
250:         <vhs_stock>528</vhs_stock>
251:         <beta>27.95</beta>
252:         <beta_stock>128</beta_stock>
253:     </movie>
254:     <movie id="3325584384">
255:         <actorRef>325442748</actorRef>
256:         <actorRef>2096814035</actorRef>
257:         <actorRef>4231919377</actorRef>
258:         <director>Louis Malle</director>
259:         <title>Au Revoir Les Enfants</title>
260:         <image>aurevoirlesenfants.jpg</image>
261:         <dvd>25.25</dvd>
262:         <laserdisk>55.25</laserdisk>
263:         <laserdisk_stock>1</laserdisk_stock>
264:         <genre>foreign</genre>
265:         <rating>G</rating>
266:         <runtime>124</runtime>
267:         <user_rating>5</user_rating>
268:         <details>A young boy befriends a new student whom the others feel is different. When he discovers the new s
tudent is a Jew, he tells no one and remains a true friend. Tragedy strikes when a school employee tells the Gestapo they are
hiding Jews and the student is arrested and taken away.</details>
269:         <summary>A young boy befriends a new student whom the others feel is different.</summary>
270:         <vhs>12.45</vhs>
271:         <beta_stock>5</beta_stock>
272:         <year>1987</year>
273:         <vhs_stock>5</vhs_stock>
274:         <dvd_stock>7</dvd_stock>
275:         <beta>12.45</beta>
276:     </movie>
277:     <movie id="647599245">
278:         <actorRef>916503204</actorRef>
279:         <director>George Dunning</director>
280:         <title>Yellow Submarine</title>
281:         <image>yellowsubmarine.jpg</image>
282:         <dvd>25</dvd>
283:         <genre>musical</genre>
284:         <rating>G</rating>
285:         <runtime>100</runtime>
286:         <user_rating>4</user_rating>
287:         <details>This restored, animated valentine to the Beatles offers viewers the rare chance to see a work that
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's been substantially improved by its technical facelift, not just supersized with extra footage.</details>
288:         <summary>The all time Beatles Classic.</summary>
289:         <vhs>15</vhs>
290:         <year>1968</year>
291:         <vhs_stock>88</vhs_stock>
292:         <dvd_stock>22</dvd_stock>
293:         <beta/>
294:     </movie>
295:     <movie id="647599246">
296:         <actorRef>916503205</actorRef>
297:         <director>David Breashears</director>
298:         <title>Everest</title>
299:         <image>everest.jpg</image>
300:         <dvd>27</dvd>
301:         <genre>special</genre>
302:         <rating>G</rating>
303:         <runtime>110</runtime>
304:         <user_rating>4</user_rating>
305:         <summary>Originally shot in the IMAX format, this video shows spectacular shots of climbers on Mount Everest.
t.</summary>
306:         <details>Filmed in the IMAX format, this film had the luck (or lack thereof) to be shot during the same fat
eful and fatal climb of Mount Everest chronicled in Jon Krakauer's book, Into Thin Air, in which a group of rich hobby climber
s found themselves trapped by a blizzard near the summit. The IMAX film contains footage of those people, but focuses on its o
wn group, as they make their assault on the top of the world's highest peak.</details>
307:         <vhs>15</vhs>
308:         <year>1996</year>
309:         <vhs_stock>88</vhs_stock>
310:         <dvd_stock>22</dvd_stock>
311:         <beta/>
312:     </movie>
313:     <movie id="647599247">
314:         <actorRef>916503206</actorRef>
315:         <director>Disney</director>
316:         <title>Pinocchio</title>
317:         <image>pinocchio.jpg</image>
318:         <dvd>22</dvd>
319:         <laserdisk>20</laserdisk>
320:         <laserdisk_stock>3</laserdisk_stock>
321:         <genre>family</genre>
322:         <rating>G</rating>
323:         <runtime>90</runtime>
324:         <user_rating>5</user_rating>
325:         <summary>The classic story of the all-time favorite puppet.</summary>
326:         <details>This Disney masterpiece from 1940 will hold up forever precisely because it doesn't restrain or te
mper the most elemental emotions and themes germane to its story. Based on the Collodi tale about a wooden puppet who wants to
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become a real boy, Pinocchio is among the most magical, mythical, and frightening films to come from the studio in its long history.</details>
327:         <vhs>15</vhs>
328:         <year>1940</year>
329:         <vhs_stock>88</vhs_stock>
330:         <dvd_stock>22</dvd_stock>
331:         <beta/>
332:     </movie>
333:     <movie id="647599248">
334:         <actorRef>916503207</actorRef>
335:         <director>Luc Besson</director>
336:         <title>La Femme Nikita</title>
337:         <image>lafemmenikita.jpg</image>
338:         <dvd>25</dvd>
339:         <genre>foreign</genre>
340:         <rating>R</rating>
341:         <runtime>125</runtime>
342:         <user_rating>4</user_rating>
343:         <summary>Anne Parillaud plays a special agent in this fast-moving french thriller.</summary>
344:         <details>French director Luc Besson (The Fifth Element) broke the commercial taboo against female-driven action movies with this seminal, seductively slick film about a violent street punk (Anne Parillaud) trained to become a smooth, stylish assassin.</details>
345:         <vhs>15</vhs>
346:         <year>1990</year>
347:         <vhs_stock>88</vhs_stock>
348:         <dvd_stock>22</dvd_stock>
349:         <beta/>
350:     </movie>
351:     <movie id="647599249">
352:         <studio/>
353:         <actorRef>916503208</actorRef>
354:         <actorRef>916503209</actorRef>
355:         <director>David Fincher</director>
356:         <title>Seven</title>
357:         <image>seven.jpg</image>
358:         <dvd>22</dvd>
359:         <laserdisk>24</laserdisk>
360:         <laserdisk_stock>2</laserdisk_stock>
361:         <genre>horror</genre>
362:         <rating>R</rating>
363:         <runtime>130</runtime>
364:         <user_rating>3</user_rating>
365:         <summary>A serial killer forces each of his victims to die by acting out one of the seven deadly sins.</summary>
366:         <details>The most viscerally frightening and disturbing homicidal maniac picture since The Silence of the Lam
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ambs, Seven is based on an idea that's both gruesome and ingenious. A serial killer forces each of his victims to die by acting out one of the seven deadly sins. The murder scene is then artfully arranged into a grotesque tableau, a graphic illustration of each mortal vice.</details>

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367:         <vhs>15</vhs>
368:         <year>1995</year>
369:         <vhs_stock>88</vhs_stock>
370:         <dvd_stock>22</dvd_stock>
371:     </movie>
372:     <movie id="647599250">
373:         <actorRef>916503210</actorRef>
374:         <title>Mysteries of Egypt</title>
375:         <image>mysteriesofegypt.jpg</image>
376:         <dvd>22</dvd>
377:         <genre>special</genre>
378:         <rating>R</rating>
379:         <runtime>110</runtime>
380:         <user_rating>3</user_rating>
381:         <summary>Experience the magnificence of Egypt like never before!</summary>
382:         <details>Legendary actor and native Egyptian Omar Sharif and Kate Maberly join National Geographic's award-winning filmmakers to weave a fascinating story of a grandfather who enchants his granddaughter with tales of tombs and treasures. Travel back more than 4,000 years to a time when the Great Pyramids of Giza were built.</details>
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383:         <vhs>15</vhs>
384:         <beta_stock>5</beta_stock>
385:         <year>1999</year>
386:         <vhs_stock>88</vhs_stock>
387:         <dvd_stock>22</dvd_stock>
388:         <beta>14</beta>
389:     </movie>
390:     <movie id="647599251">
391:         <director>Francesco Rosi</director>
392:         <actorRef>916503211</actorRef>
393:         <title>Carmen</title>
394:         <image>carmen.jpg</image>
395:         <dvd>18</dvd>
396:         <genre>musical</genre>
397:         <rating>PG</rating>
398:         <runtime>125</runtime>
399:         <user_rating>4</user_rating>
400:         <summary>A fine screen adaptation of Bizet's popular opera.</summary>
401:         <details>Placido Domingo does it again, this time in Bizet's popular opera.</details>
402:         <vhs>15</vhs>
403:         <beta_stock/>
404:         <year>1984</year>
405:         <vhs_stock>88</vhs_stock>
406:         <dvd_stock>22</dvd_stock>
```

```
407:         <beta/>
408:     </movie>
409: </movies>
410: </database>
```

```
1: <?xml version="1.0" encoding="iso-8859-1"?>
2:
3: <!-- XSLT stylesheet for My Blockbuster -->
4: <xsl:stylesheet version="1.0" xmlns:xalan="http://xml.apache.org/xslt" xmlns:xsl="http://www.w3.org/1999/XSL/Transform"
>
5:
6:     <!-- output pretty-printed results as XHTML 1.0 -->
7:     <xsl:output doctype-public="-//W3C//DTD XHTML 1.0 Transitional//EN" doctype-system="http://www.w3.org/TR/xhtml1/DTD
/xhtml1-transitional.dtd" encoding="UTF-8" indent="yes" method="xml" xalan:indent-amount="4"/>
8:
9:     <xsl:template match="/">
10:         <html xmlns="http://www.w3.org/1999/xhtml" xml:lang="en" lang="en">
11:             <head>
12:                 <title>My Blockbuster</title>
13:             </head>
14:             <body>
15:                 <div align="center">
16:
17:                     <!-- My Blockbuster's logo -->
18:                     
19:                     <br /><br />
20:
21:                     <!-- TODO -->
22:
23:                 </div>
24:             </body>
25:         </html>
26:     </xsl:template>
27: </xsl:stylesheet>
```

```

1: <?xml version="1.0" encoding="UTF-8"?>
2:
3: <!-- XSLT stylesheet for XTube -->
4: <xsl:stylesheet exclude-result-prefixes="xalan" version="1.0" xmlns:xalan="http://xml.apache.org/xslt" xmlns:xsl="http:
//www.w3.org/1999/XSL/Transform">
5:
6:     <!-- format output -->
7:     <xsl:output encoding="UTF-8" indent="yes" method="xml" xalan:indent-amount="4"/>
8:
9:     <!-- parameter specifying mode of production -->
10:    <xsl:param name="mode"/>
11:
12:    <!-- match the root by default -->
13:    <xsl:template match="/">
14:
15:        <!-- proceed in desired mode -->
16:        <xsl:choose>
17:
18:            <!-- produce XHTML 1.0 Transitional -->
19:            <xsl:when test="$mode='xhtml'">
20:                <xsl:text disable-output-escaping="yes"><![CDATA[<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transiti
nal//EN" "http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">]]></xsl:text>
21:                <html xmlns="http://www.w3.org/1999/xhtml" xml:lang="en" lang="en">
22:                    <head>
23:                        <title>XTube</title>
24:                    </head>
25:                    <body>
26:                        <!-- TODO -->
27:                    </body>
28:                </html>
29:            </xsl:when>
30:
31:            <!-- produce SVG 1.1 -->
32:            <xsl:when test="$mode='svg'">
33:                <xsl:text disable-output-escaping="yes"><![CDATA[<!DOCTYPE svg PUBLIC "-//W3C//DTD SVG 1.1//EN" "http://
www.w3.org/Graphics/SVG/1.1/DTD/svg11.dtd">]]></xsl:text>
34:                <svg xml:space="preserve" xmlns="http://www.w3.org/2000/svg">
35:                    <!-- TODO -->
36:                </svg>
37:            </xsl:when>
38:
39:            <xsl:otherwise>You have failed to specify a valid mode.</xsl:otherwise>
40:
41:        </xsl:choose>
42:    </xsl:template>

```

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43:
44: </xsl:stylesheet>
45:
```