

CSE 7347 Spring 2016

Assignment 1:

XML with internal DTD and the results of validation

```
<?xml version="1.0"?><!DOCTYPE movies [  
  <!ELEMENT title ANY>  
  <!ATTLIST title  
    rm1 CDATA ""  
    rm2 CDATA ""  
    rm3 CDATA ""  
    rm4 CDATA ""  
    rm5 CDATA "">  
  <!ELEMENT year (#PCDATA)>  
  <!ELEMENT country (#PCDATA)>  
  <!ELEMENT genre (#PCDATA)>  
  <!ELEMENT born (#PCDATA)>  
  <!ELEMENT director (firstname,lastname,born)>  
  <!ELEMENT firstname (#PCDATA)>  
  <!ELEMENT lastname (#PCDATA)>  
  <!ELEMENT role (#PCDATA)>  
  <!ELEMENT actor (firstname,lastname,role)>  
  <!ELEMENT summary (#PCDATA)>  
  <!ATTLIST summary xml:lang CDATA #REQUIRED>  
  <!ELEMENT length (#PCDATA)>  
  <!ELEMENT location (#PCDATA)>  
  <!ELEMENT movies  
(title,year,country,genre,director,actor,summary,length,location,title,year,country,genre,director,  
actor,summary,length,location,title,year,country,genre,director,actor,summary,length,location,titl  
e,year,country,genre,director,actor,summary,length,location,title,year,country,genre,director,acto  
r,summary,length,location)>  
  <!ATTLIST movies data CDATA #REQUIRED>  
  
<movies data="My movies">  
  <title rm1="Good Will Hunting"> </title>  
  <year>1997</year>  
  <country>USA</country>  
  <genre>Drama</genre>  
  <director>  
    <firstname>Gus</firstname>  
    <lastname>sant</lastname>  
    <born>1952</born>  
  </director>  
  <actor>  
    <firstname>Matt</firstname>  
    <lastname>Damon</lastname>  
    <role>Main character</role>
```

</actor>

<summary xml:lang="en">

A touching tale of a wayward young man who struggles to find his identity, living in a world where he can solve any problem, except the one brewing deep within himself, until one day he meets his soul mate who opens his mind and his heart.

</summary>

<length>126 min</length>

<location>Massachusetts Turnpike</location>

<title rm2="The Truman Show"> </title>

<year>1998</year>

<country>USA</country>

<genre>Drama</genre>

<director>

<firstname>Peter</firstname>

<lastname>Weir</lastname>

<born>1944</born>

</director>

<actor>

<firstname>Jim</firstname>

<lastname>Carrey</lastname>

<role>Main character</role>

</actor>

<summary xml:lang="en">

In this movie, Truman is a man whose life is a fake one... The place he lives is in fact a big studio with hidden cameras everywhere, and all his friends and people around him, are actors who play their roles in the most popular TV-series in the world: The Truman Show. Truman thinks that he is an ordinary man with an ordinary life and has no idea about how he is exploited. Until one day, he finds out everything.

</summary>

<length>103 min</length>

<location>California USA</location>

<title rm3="(500) Days of Summer"> </title>

<year>2009</year>

<country>USA</country>

<genre>Romance</genre>

<director>

<firstname>Marc</firstname>

<lastname>Webb</lastname>

<born>1974</born>

</director>

<actor>

<firstname>Joseph</firstname>

<lastname>GordonLevitt</lastname>

<role>Main character</role>

</actor>

<summary xml:lang="en">

An offbeat romantic comedy about a woman who doesn't believe true love exists, and the young man who falls for her.

</summary>
<length>95 min</length>
<location>California USA</location>
<title rm4="Remember the Titans"> </title>
<year>2000</year>
<country>USA</country>
<genre>Drama</genre>
<director>
 <firstname>Boaz</firstname>
 <lastname>Yakin</lastname>
 <born>1966</born>
</director>
<actor>
 <firstname>Denzel</firstname>
 <lastname>Washington</lastname>
 <role>Main character</role>
</actor>
<summary xml:lang="en">

The true story of a newly appointed African-American coach and his high school team on their first season as a racially integrated unit.

</summary>
<length>113 min</length>
<location>Georgia USA</location>
<title rm5="Goal! The Dream Begins"> </title>
<year>2005</year>
<country>USA</country>
<genre>Drama</genre>
<director>
 <firstname>Danny</firstname>
 <lastname>Cannon</lastname>
 <born>1968</born>
</director>
<actor>
 <firstname>Leonardo</firstname>
 <lastname>Guerra</lastname>
 <role>Main character</role>
</actor>
<summary xml:lang="en">

The extremely talented Santiago Munez is given a chance at professional football, after being spotted by a scout who has ties with Newcastle United.

</summary>
<length>118 min</length>
<location>UK</location>
</movies>

RutujMandhare-Assignment1.xml [C:\Users\Rutuja\Desktop\RutujMandhare-Assignment1.xml] - <oxygen/> XML Editor (Evaluation use only)

File Edit Find Project Options Tools Document Window Help

XPath 2.0 Execute XPath on 'Current File'

Project

sample.xpr

- sample.xpr
- css
- debugger
- epub
- fo
- isprint

The Master Files support is disabled

Enable Read more

Project Open/Find Resource

Outline

Element name filter

- movies "My movies"
 - title "Good Will Hunting"
 - year 1997
 - country USA
 - genre Drama
 - director Gus
 - actor Matt
 - firstname Matt
 - lastname Damon
 - role Main character
 - summary "en" A touching tale of a wa
 - length 126 min

Text Grid Author

```
1 <?xml version="1.0"?><!DOCTYPE movies [  
2 <!--ELEMENT title ANY-->  
3 <!--ATTLIST title  
4     xm1 CDATA ""  
5     xm2 CDATA ""  
6     xm3 CDATA ""  
7     xm4 CDATA ""  
8     xm5 CDATA ""-->  
9 <!--ELEMENT year (#PCDATA)-->  
10 <!--ELEMENT country (#PCDATA)-->  
11 <!--ELEMENT genre (#PCDATA)-->  
12 <!--ELEMENT born (#PCDATA)-->  
13 <!--ELEMENT director (firstname,lastname,born)-->  
14 <!--ELEMENT firstname (#PCDATA)-->  
15 <!--ELEMENT lastname (#PCDATA)-->  
16 <!--ELEMENT role (#PCDATA)-->  
17 <!--ELEMENT actor (firstname,lastname,role)-->  
18 <!--ELEMENT summary (#PCDATA)-->  
19 <!--ATTLIST summary xml:lang CDATA #REQUIRED-->  
20 <!--ELEMENT length (#PCDATA)-->  
21 <!--ELEMENT location (#PCDATA)-->  
22 <!--ELEMENT movies (title,year,country,genre,director,actor,summary,length,location,title,year,country,genre  
23 <!--ATTLIST movies data CDATA #REQUIRED-->  
24 ]-->  
25  
26 <movies data="My movies">  
27   <title xml="Good Will Hunting"/>  
28   <year>1997</year>
```

Attributes

movies

Attribute	Value
data	My movies

Attributes Model

Transformation Scenario...

Type filter text

Association Scenario

Trans... Entities (x) Eleme..

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