Mid-term examination on XSLT

Christian Rinderknecht

16 October 2007

1   Reversing a list

Given the following XML document

```
<?xml version="1.0" encoding="UTF-8"?>

<!DOCTYPE book SYSTEM "book.dtd">

<book>
  <author>Priscilla Walmsley</author>
  <title>Definitive XML Schema</title>
  <contents>
    <chapter title="Schema: An Introduction"/>
    <chapter title="A quick tour of XML Schema"/>
    <chapter title="Namespaces"/>
    <chapter title="Schema composition"/>
    <chapter title="Instances and schemas"/>
  </contents>
</book>
```

containing a flat list of the same element with the same attribute like

```
<?xml version="1.0" encoding="UTF-8"?>

<!DOCTYPE book SYSTEM "book.dtd">

<book>
  <author>Priscilla Walmsley</author>
  <title>Definitive XML Schema</title>
  <contents>
    <chapter title="Schema: An Introduction"/>
    <chapter title="A quick tour of XML Schema"/>
    <chapter title="Namespaces"/>
    <chapter title="Schema composition"/>
    <chapter title="Instances and schemas"/>
  </contents>
</book>
```

output an XHTML where the list is reversed:

- Instances and schemas

- Schema composition

- Namespaces

- A quick tour of XML Schema

- Schema: An Introduction