

Fundamentals of Data Management

– 2019HS2 | 101624964 | Jimmy Trac

Past Task 2.1.3

The XQuery used was:

```
1 for $o in james_reading_list/planned_reading
2 let $b := $o/book
3 return $b/title
```

this gives us a result of:

```
1 JSON in 24 hours
2 Miss Smilla's feeling for snow
```

A preview of the query running:

(You can find the documentation below)

HTML/XML-Input file:

☐ Template ☐ XPath 3.0 ☐ 2.0 ☒ XQuery 3.0 ☐ 1 ☐ CSS 3.0 sel

```
1 <james_reading_list>
2   <finished_reading>
3     <book>
4       <title>Fifty Shades of Grey</title>
5       <author>E.L.</author>
6       <date_read>
7         <month>May</month>
8         <year>2016</year>
9       </date_read>
10      <opinion>Did not like very much</opinion>
11    </book>
12    <book>
13      <title>The grass is singing</title>
14      <author>Doris Lessing</author>
15      <date_read>
16        <month>June</month>
17        <year>2016</year>
18      </date_read>
19      <opinion>Enjoyed quite a bit</opinion>
20    </book>
  </finished_reading>
</james_reading_list>
```

☐ disable auto refresh ☐ disable syntax highlighting

Output Options: Node format: Output format: ☐ Show types ☐ Hide variable names

Compatibility:

Work in progress: ☐ XPath 3.1 ☐ XQuery 3.1

Result of the above expression applied to the above HTML file:

```
1 JSON in 24 hours
2 Miss Smilla's feeling for snow
3
```

The XML from the previous task:

```
1 <james_reading_list>
2   <finished_reading>
3     <book>
4       <title>Fifty Shades of Grey</title>
5       <author>E.L.</author>
6       <date_read>
7         <month>May</month>
8         <year>2016</year>
9       </date_read>
10      <opinion>Did not like very much</opinion>
11    </book>
12    <book>
13      <title>The grass is singing</title>
14      <author>Doris Lessing</author>
15      <date_read>
```

```
16         <month>June</month>
17         <year>2016</year>
18     </date_read>
19     <opinion>Enjoyed quite a bit</opinion>
20 </book>
21 <book>
22     <title>A short history on nearly everything</title>
23     <author>Bill Bryson</author>
24     <date_read>
25         <month>July</month>
26         <year>2016</year>
27     </date_read>
28     <opinion>Very informative</opinion>
29 </book>
30 </finished_reading>
31 <planned_reading>
32     <book>
33         <title>JSON in 24 hours</title>
34         <author>Peter Settler</author>
35         <purpose>Work</purpose>
36     </book>
37     <book>
38         <title>Miss Smilla's feeling for snow</title>
39         <author>Peter Hoegs</author>
40         <purpose>Entertainment</purpose>
41     </book>
42 </planned_reading>
43 </james_reading_list>
```