

Considers again the example from Wednesday :
<http://www.dbis.informatik.uni-goettingen.de/Teaching/SSD/dirtyexample-1506.xq>

- as a file: as an XQuery Query ("as we see it")
- prefix: stream: <html.....>
 - expects an HTML file → without the "(:...:)" comment: (not XHTML)
 - if not: show text as text → with the comment
 - if html: show it as XHTML
 - if XQuery: preprocess it and show the result !?

Jun 17-14:05

Functional Programming

(vs procedural / imperative prog)

F.F.P.: - expression (= query)
 immediately binds for its result

- Prods are first-class-citizens of the language and of the Data Model

Jun 17-14:51

fcf. Prog.

Query
↓
Evaluate it recursively

program/lock/expr
"is" result
⇒ ready of expr

of. Java, same Query
→ program produces result
- gen out stream
- write "<html>"
- declare variable ^{...} list of
type list
... compile its value
... assign it
...
iterate over list
write output one after the other
to the output stream
⇒ as a side effect of executing
it, it writes the output
stream

⇒ see folder with
functional "if"

Jun 17-14:53

Q263:

answer

mixed content

<h3> The XML lecture </h3>

h3

The XML lecture

Jun 17-15:07

query using document order (SE 291)

```
for $c in //city
```

```
where $c << //city[name='New York'] and $c >> //city[name='Berlin']
```

```
return $c/name[1]
```

Jun 17-15:25