

PIXEE

Some results, finally ...

Robert Kosara

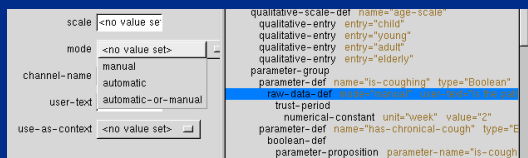
Key Features

- Pontifex
 - Namespaces of ID/IDREF
 - Attribute Types
- XPath-Queries for folded elements
- Insert before/after/as child of
 - Normal XML Elements
 - Abstract Types

Robert Kosara

Attribute type - awareness

- Attribute types
 - Enumeration (see image)
 - Integer, Float
 - String



Robert Kosara

Namespaces

- IDREFs organized in different namespaces
- Only existing names of correct namespace available as attribute values

name	cough	plan-body	subplans	type="unordered"
	administer-ACE-I	wait-for	one	
	cough-overall	plan-activation	plan-schema	name="cough-in-sequence"
	cough-in-sequence	plan-activation	plan-schema	name="cough-unordered"
	cough-unordered	conditions	filter-precondition	constraint-combination
	chest-radiograph	treatment	evaluating-sinusitis	four-view-sinus-radiographs
	sinus-CT	sinus-CT	esophageal-ph-monitoring	any
		time-annotation	now	

Robert Kosara

XPath Queries

- Folded elements summarized through XPath expression
- Reason for not using Java

```

parameter-def name="age-numerical" type="time"
raw-data-def mode="manual" units="y" user-text="Please enter the age of the p
parameter-def name="smoker" type="Boolean"
qualitative-parameter-def name="4 entries"
parameter-def name="smoker" type="Boolean"
raw-data-def mode="manual" user-text="Is the patient a smoker?"
parameter-def name="young-smoker" type="Boolean"
logical-combination-def operator="and"
boolean-def
parameter-proposition parameter-name="age"
value-description type="equal"
qualitative-constant value="young"
context
any
time-annotation
now

```

Robert Kosara

Future

- Yes, it has taken much too long ...
- Will be available *Real Soon Now*TM
- A lot more stuff could be done (if somebody does it):
 - Plugins for tables, etc
 - Units support (time, measurements, ...)
 - Views for plain text, different tree displays

Robert Kosara