meta-metadata: an extensible semantic architecture for multimedia metadata definition, extraction, and presentation

android kerne, sashikanth damaraju, bharat kumar, and andrew webb
information sources

large number of elements

human experience: difficult to explore
metadata semantics

about elements within a collection

used to search, browse, collect and explore

find related information

unified framework

problem: heterogeneous sources

solution: language for authoring extensible metadata structure
meta-metadata language defines metadata life cycle representation extraction presentation authored in XML programming not required
metadata representation

strongly typed metadata fields

nested structure

meta-metadata > metadata translation
metadata extraction

unique by field per a source

XPath expressions
metadata visualization

properties describing display and interaction
field order	navigatesTo
hide	alwaysShow

We present Breakaway, an ambient display that encourages people, whose job requires them to sit for long pe...
mixed-initiative creativity support tool

surrogates & information composition

What we have...

PUR Water: Healthy Water, Healthy You

We can use our most advanced water purification technology to help in the fight against thirst and water-borne illnesses.

BRIDGING THE GAP

It is imperative for greywater to be separated from blackwater, even then pathogenic microorganisms can still be found in greywater. An African Awakening is what they need.
### Title
**Breakaway: An Ambient Display Designed to Change Human Behavior**

### Source
- Conference on Human Factors in Computing Systems
- Pages: 1945 - 1946
- Year of Publication: 2005

### Authors
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### Abstract
We present Breakaway, an ambient display that encourages people, whose job requires them to sit for long pe...

### Reference
- BibTex: James Bo Begole, John C. Tang, Rosco Hill, Rhythm modeling, visualizations and ap...

### Citations
- BibTex: Christoph Obermair, Bernd Ploderer, Wolfgang Reitberger, Manfred Tscheligi, Cues ...
conclusion

diverse metadata from heterogeneous sources

meta-metadata defines life cycle of metadata

author XML, no programming

in-context visualization

developed as reusable components

questions and thoughts

http://ecologylab.net/beta/cf