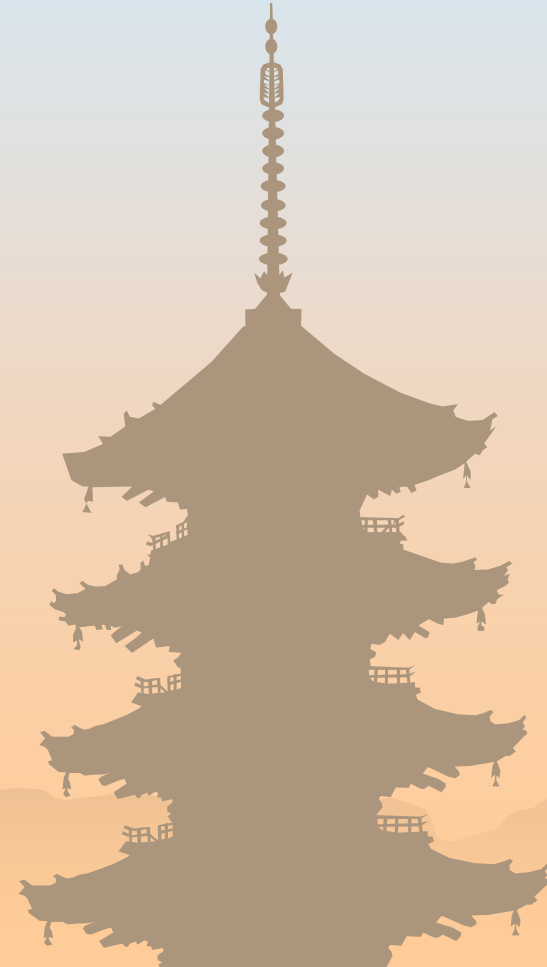# Use of Metadata in XML Configuration

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Motivations

* Metadata is structured data that describes capability and attributes of digital resources and devices for consistent interchange of information between systems.

* Usually, metadata is expressed using XML. The discussion of metadata in xmlconf is useful to organize the system architecture and data model.

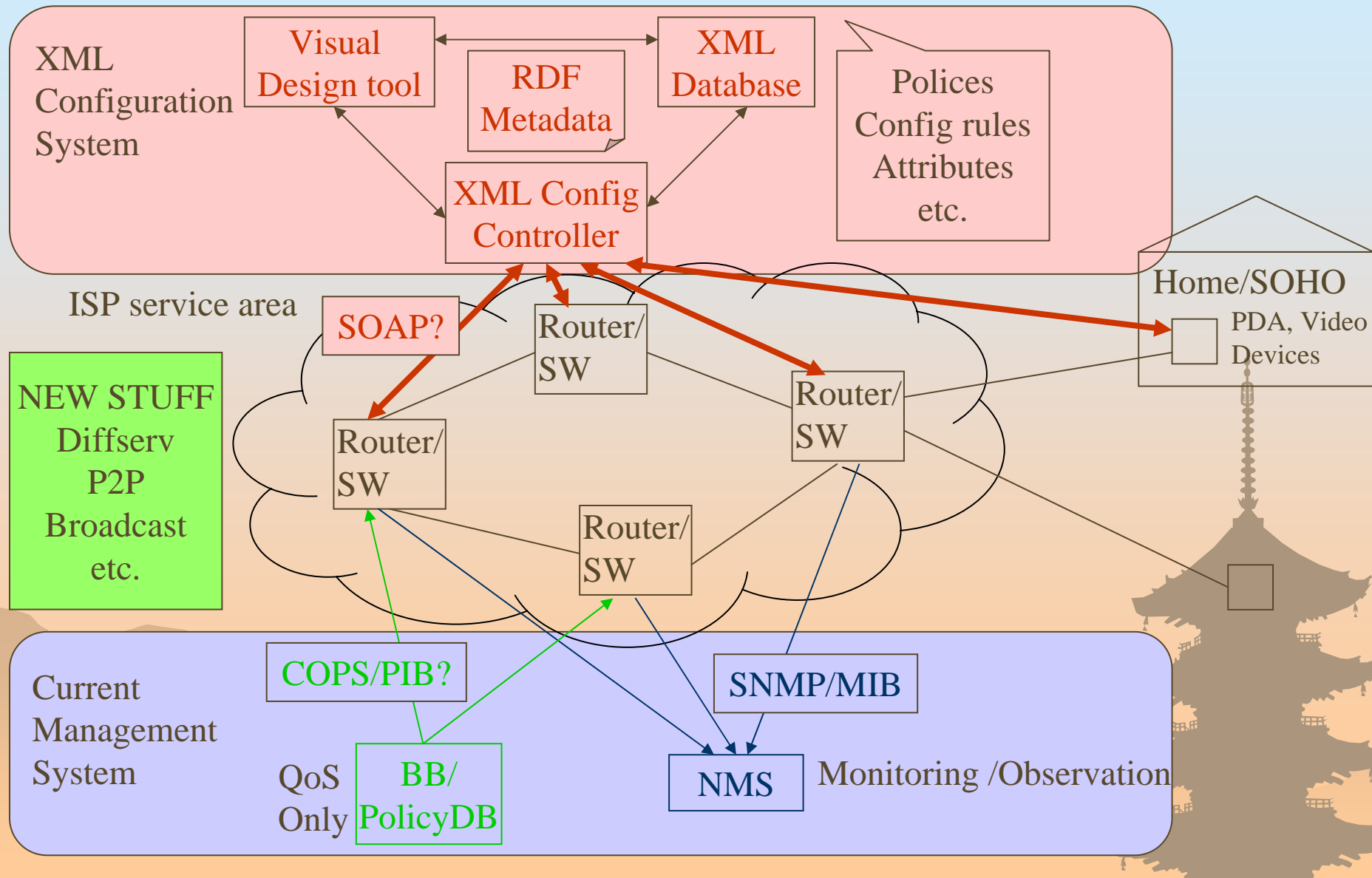* Many XML/RDF/metadata tools are useful for network configuration and administration.

What we need?

- Discussions and Standardizations…
  - Data Model
  - Metadata for Network Control
  - Schema (RDF)
  - Tools
  - API/Protocols
  - etc..

XML Configuration Architecture (Possibilities)

What we need

- Discussions and Standardizations…
  - Data Model
  - Metadata for Network Control
  - Schema (RDF)
  - Tools
  - API/Protocols
  - etc..

Metadata Related Organization

- Dublin Core Metadata Initiative
  - RFC2413, http://www.dublincore.org/
- TVanytime (Metadata for Broadcast)
- ITU-T SG16 Q.C (Metadata and Network)