



# Querying XML

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XSLT



# Querying XML

Not nearly as mature as Querying Relational

- Newer
- No underlying algebra

Sequence of development

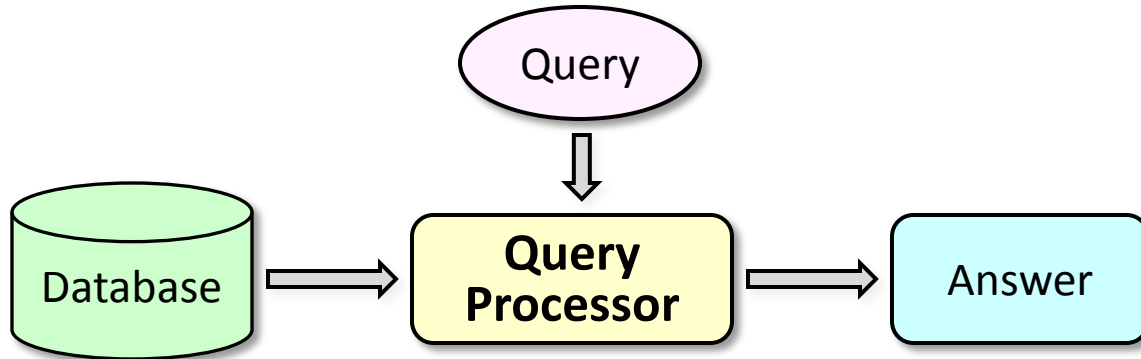
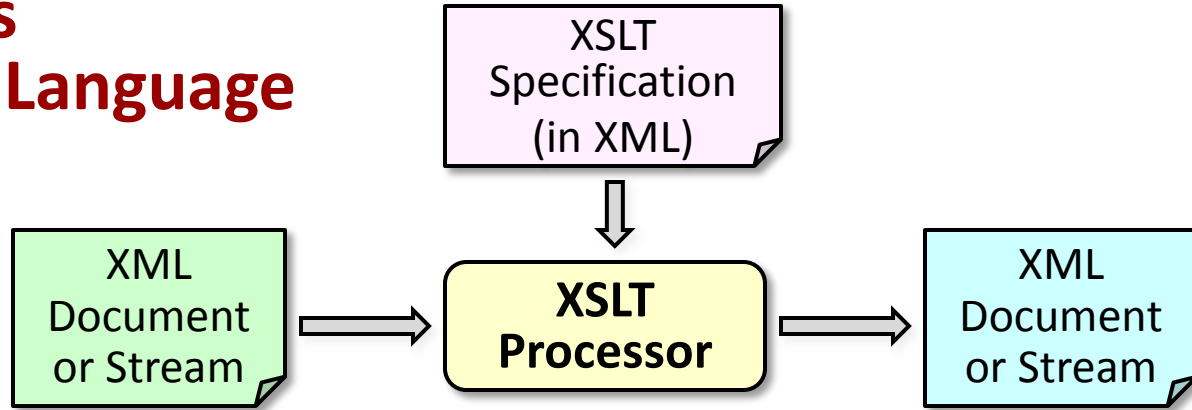
1. XPath ✓
2. XSLT
3. XQuery ✓

# XSLT

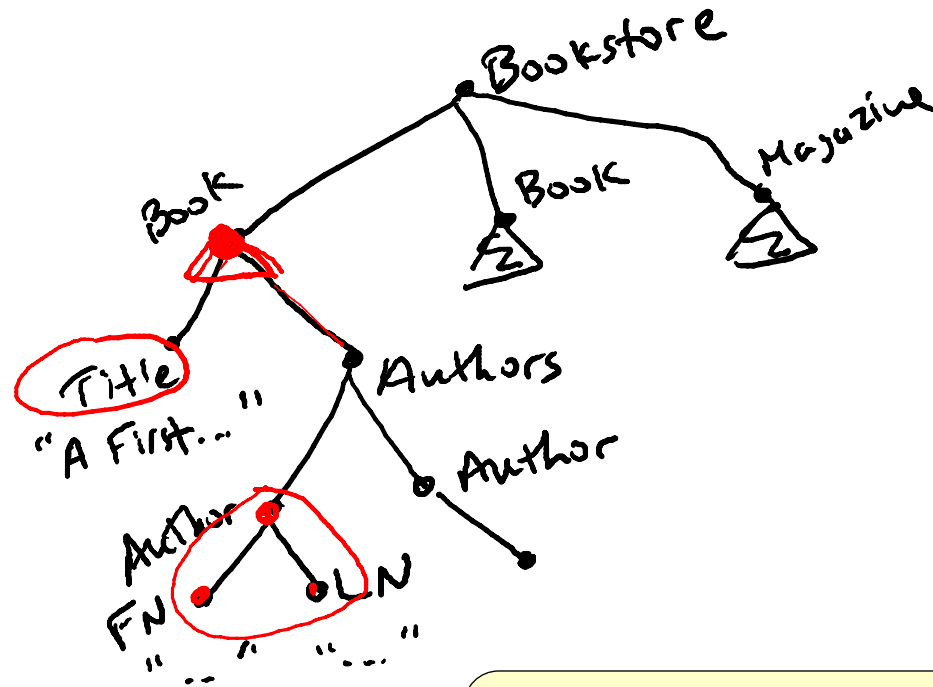
*XSL = Extensible Stylesheet Language*

*XSLT = XSL (with) Transformations*

# XSLT as Query Language



# XSLT: Rule-Based Transformations



- Match template and replace
- Recursively match templates
- Extract values
- Iteration (for-each)
- Conditionals (if)
- Strange default/whitespace behavior
- Implicit template priority

**Demo: XSLT examples  
over bookstore data**