

XPath Tipsheet [www.rockjethwa.com]

Summary

- Functions: XPath has over 100 built in functions
- Nodes: XPath uses path expressions to select nodes & nodes sets
- XQuery & XPointer are part of XPath family of expressions
- W3C: XPath has been a W3C standard since 1999

Node types: there are 7 node types

- element
- attribute
- text
- namespace
- processing-instruction
- comment
- document nodes (aka root nodes)

Node Relationships

- Atomic nodes: Atomic nodes have no parent or children
- Items: Items are either nodes or atomic values
- Parent nodes: Parent nodes have children; parent nodes are higher than children
- Children: Children are under parent nodes
- Siblings: Siblings are on th same level as other children
- Ancestors: The parents of parents are ancestors; several levels above a parent is also an ancestor
- Descendants: Children of parents are descendents; children are also descendents of parents that are several levels above; children are also descendents of ancestors that are several levels above