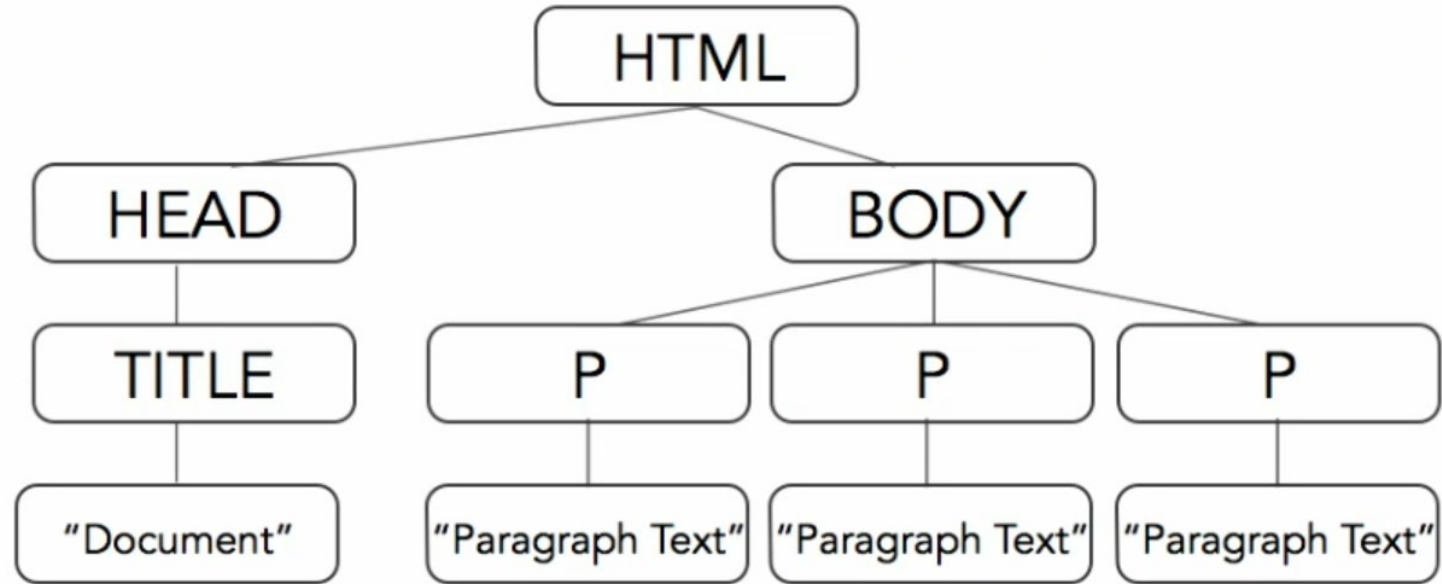


Learning XPATH

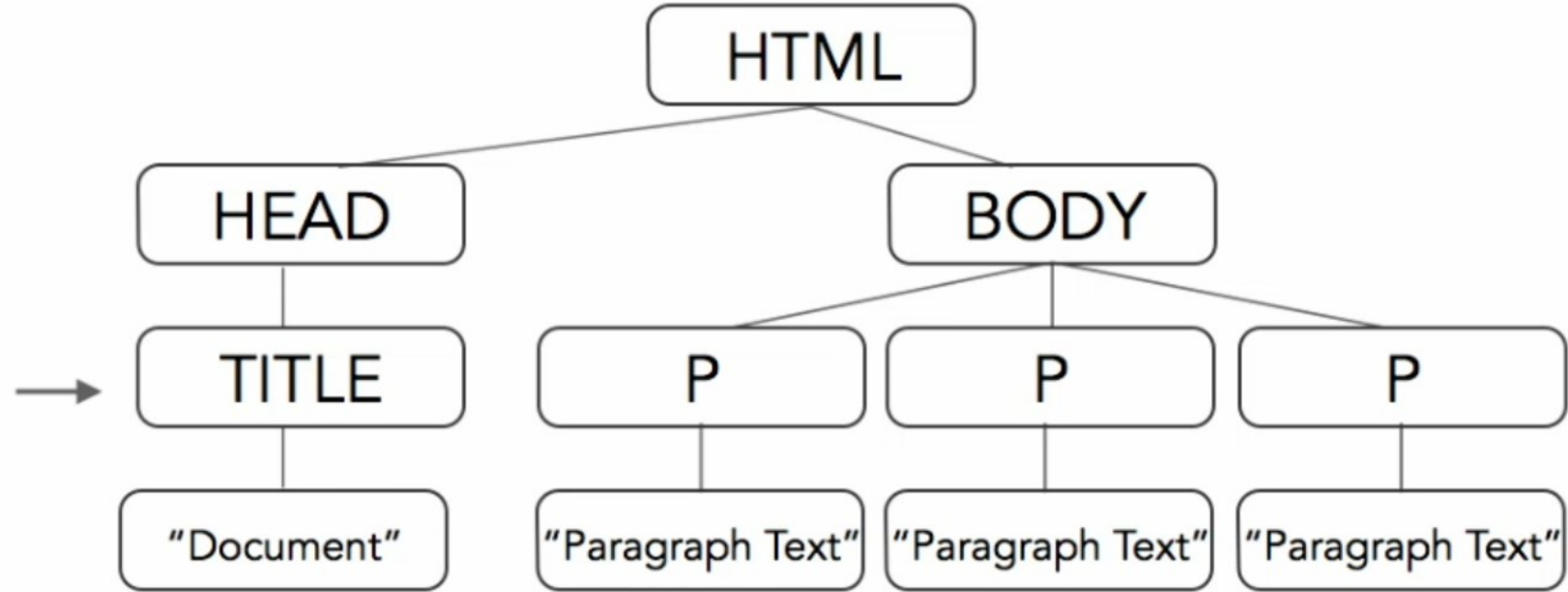
What is XPath?

- W3C standard for accessing data in XML
- Fundamental part of XSLT, XQuery and others
- Defines a “path” into an XML document
- Learn more at <http://www.w3.org/TR/xpath>

What is XPath?

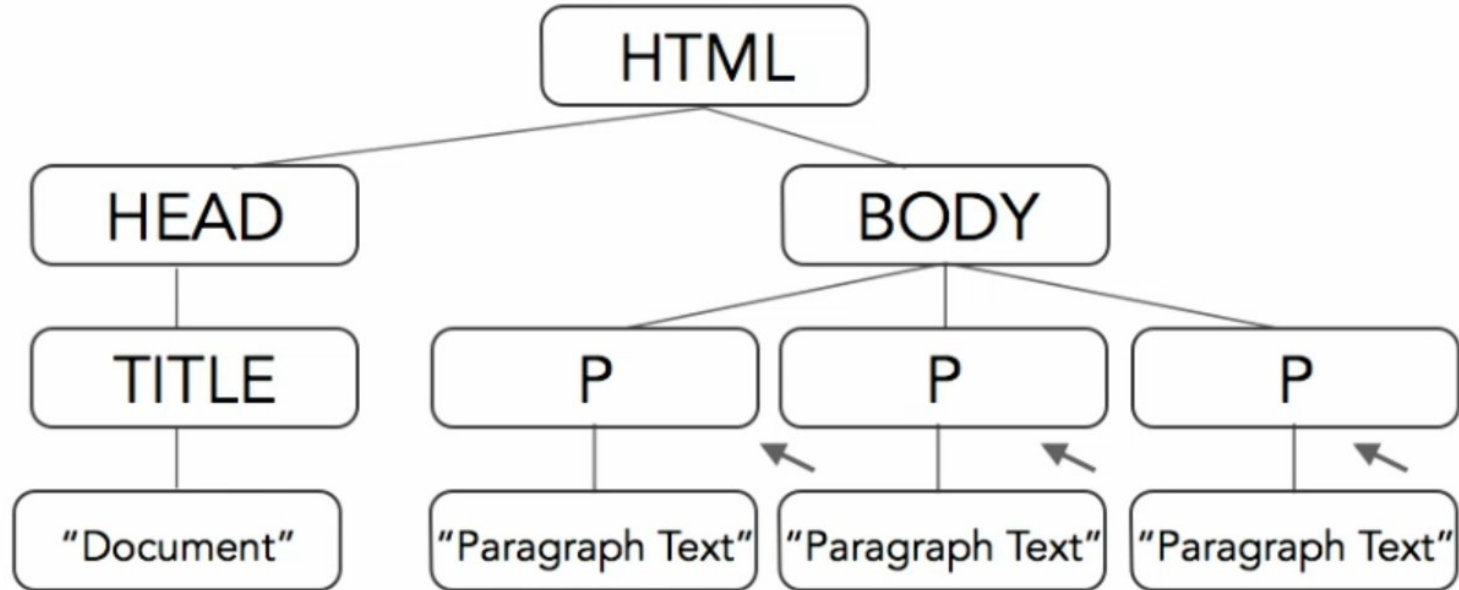


What is XPath?



`/html/head/title`

What is XPath?



`/html/body/p[1]`

Important XPath Concepts

- **Very compact syntax, quick to learn**
- **The path expression is a series of "location steps"**
- **The "context node" - path evaluation starts from here**
- **The "axis"**
Relation between context and selected nodes
- **"Predicates" - further refinements to selection process**

Some Selected XPath Examples

Path Expression	Description
/	Select the root tag in the document
/rootTag	Select the root tag, but only if it is named "rootTag"
//tagName	Find all "tagName" elements anywhere in the document
text()	Select the text content of the current node
@name	Select the "name" attribute of the current node
..	Select the parent of the current node