

Quick reference

See the reference page (<https://bicycle1885.github.io/EzXML.jl/stable/reference.html>) or docstrings for more details.

Types:

- `EzXML.Document` : an XML/HTML document
- `EzXML.Node` : an XML/HTML node including elements, attributes, texts, etc.
- `EzXML.XMLError` : an error happened in libxml2
- `EzXML.StreamReader` : a streaming XML reader

IO:

- From file: `readxml(filename|stream)`,
`readhtml(filename|stream)`
- From string or byte array: `parsexml(string)`,
`parsehtml(string)`
- To file: `write(filename, doc)`
- To stream: `print(io, doc)`

Accessors:

- Node information: `nodetype(node)`, `nodepath(node)`,
`nodename(node)`, `nodecontent(node)`, `setnodename!(node, name)`, `setnodecontent!(node, content)`
- Node property: `node.type`, `node.name`, `node.path`,
`node.content`, `node.namespace`
- Document:
 - Property: `version(doc)`, `encoding(doc)`,
`hasversion(doc)`, `hasencoding(doc)`
 - Node: `root(doc)`, `dtd(doc)`, `hasroot(doc)`,
`hasdtd(doc)`, `setroot!(doc, element_node)`,
`setdtd!(doc, dtd_node)`
- Document property: `doc.version`, `doc.encoding`, `doc.node`,
`doc.root`, `doc.dtd`
- Attributes: `node[name]`, `node[name] = value`, `haskey(node, name)`, `delete!(node, name)`
- Node predicate:
 - Document: `hasdocument(node)`
 - Parent: `hasparentnode(node)`, `hasparentelement(node)`
 - Child: `hasnode(node)`, `haselement(node)`
 - Sibling: `hasnextnode(node)`, `hasprevnode(node)`,
`hasnextelement(node)`, `hasprevelement(node)`
 - Node type: `iselement(node)`, `isattribute(node)`,
`istext(node)`, `isCDATA(node)`, `iscomment(node)`,
`isdtd(node)`
- Tree traversal:
 - Document: `document(node)`
 - Parent: `parentnode(node)`, `parentelement(node)`
 - Child: `firstnode(node)`, `lastnode(node)`,
`firstelement(node)`, `lastelement(node)`
 - Sibling: `nextnode(node)`, `prevnode(node)`,
`nextelement(node)`, `prevelement(node)`
- Tree modifiers:
 - Link: `link!(parent_node, child_node)`, `linknext!`