# An XML Patch Operations Framework Utilizing XPath Selectors

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# Changes

- I-D name change: XCAP -> XML

- Supports a full set of XPath 1.0 datamodel nodes (except the root node)

- Deterministic model to handle whitespace text nodes in `<add>` and `<remove>`

- ABNF replaced with the W3C Schema patterns (regular expressions)

- Selection of elements with attached default namespace simplified

# Issues

- Clarify namespace prefix selections
- Add id("xxx") as an allowable location path
- Clarify CDATA handling
- Will be discussed on the mailing list

# Conclusions

- Proof-of-concept implementation will be available in Sourceforge (libxmlpatch)
  - LGPL license
  - built on top of libxml2 library
  - ~500 lines of C code
  - CDATA not yet handled correctly; index numbers may be wrong or CDATA content format may change
- Ready for a WG item?