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`Putting it all together`

Adam Retter

eXist Solutions

Putting it all together

XSLT

XPath

XQuery

XUpdate

Full-Text Search

XML Repository

XML

XForms

XProc

XSL-FO

XInclude

XML Schema
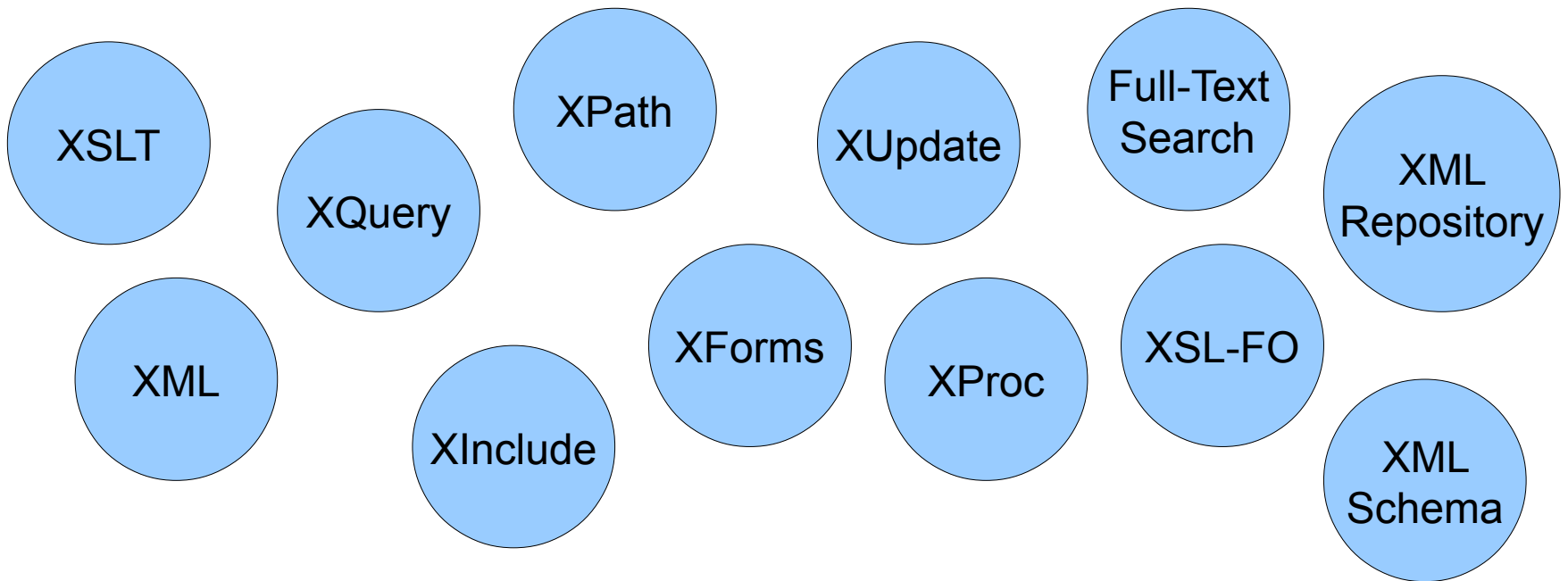
How to use these together?

Options

1. XProc?
   Pluggable, but perhaps limited to single docs

2. Bespoke code?
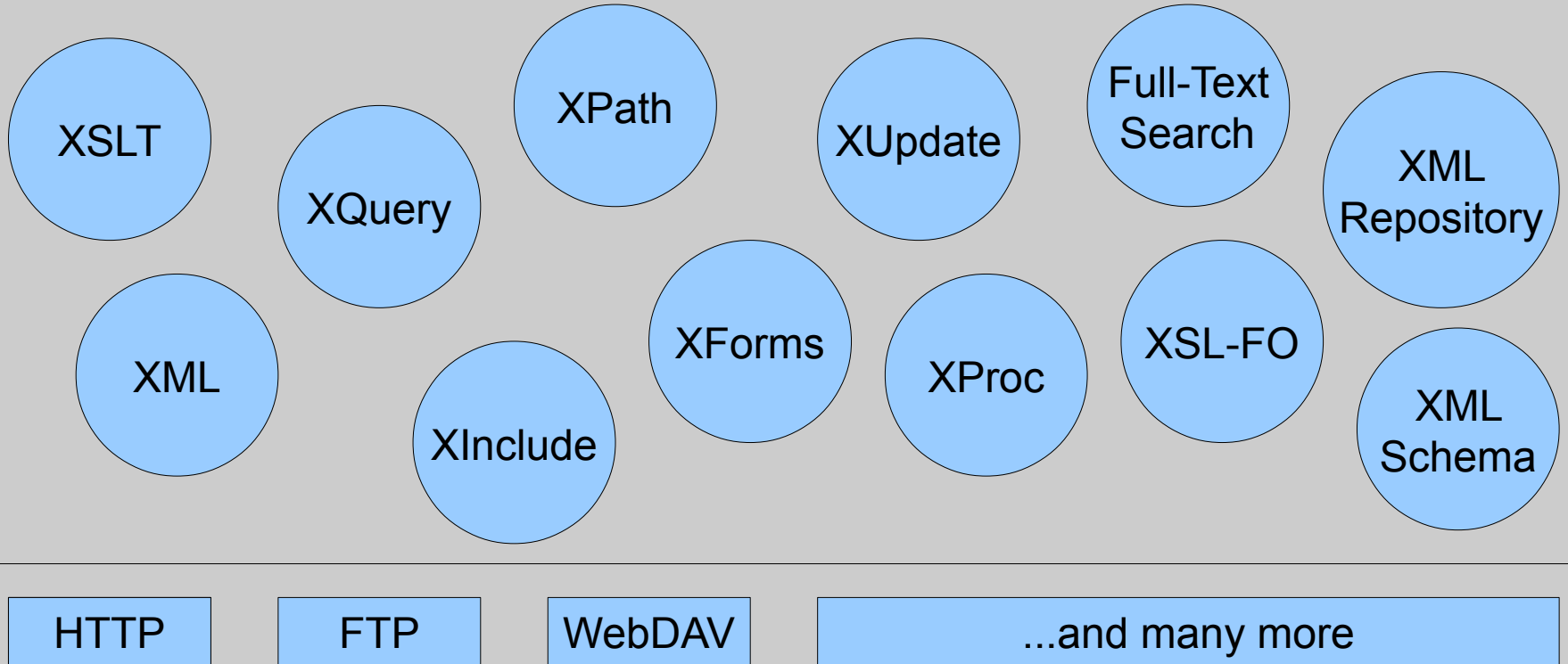   Take various Processors and glue them together.
   Time consuming!

3. XML Application Server?
   Build entire applications using XML technologies!

www.xmlsummerschool.com

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XML Schema

| HTTP | FTP | WebDAV | ...and many more |

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Reflections on XML Applications

- ## Use the right tool for the right job!
  - Dont just stick to XQuery or XSLT
  - Each has its appropriate place
  - Code smells / Time and Efficiency

- ## Security – what are you exposing as XML?

- ## Dont become religious about Native XMLDBs
  - Relational & KV databases still have their place!
  - The two can be used in conjunction

- ## Do *not* forget Good Design!!!
  - W3C Standards / MVC / Separation of Concerns / Testing

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- Typically these are Native XML Database++
- Come in different shapes and sizes
- Open Source and Commercial
  – eXist-db, MarkLogic, X-Hive etc...

- Disclosure ;-)

Open Source Native XML Database

www.exist-db.org / www.existsolutions.com