

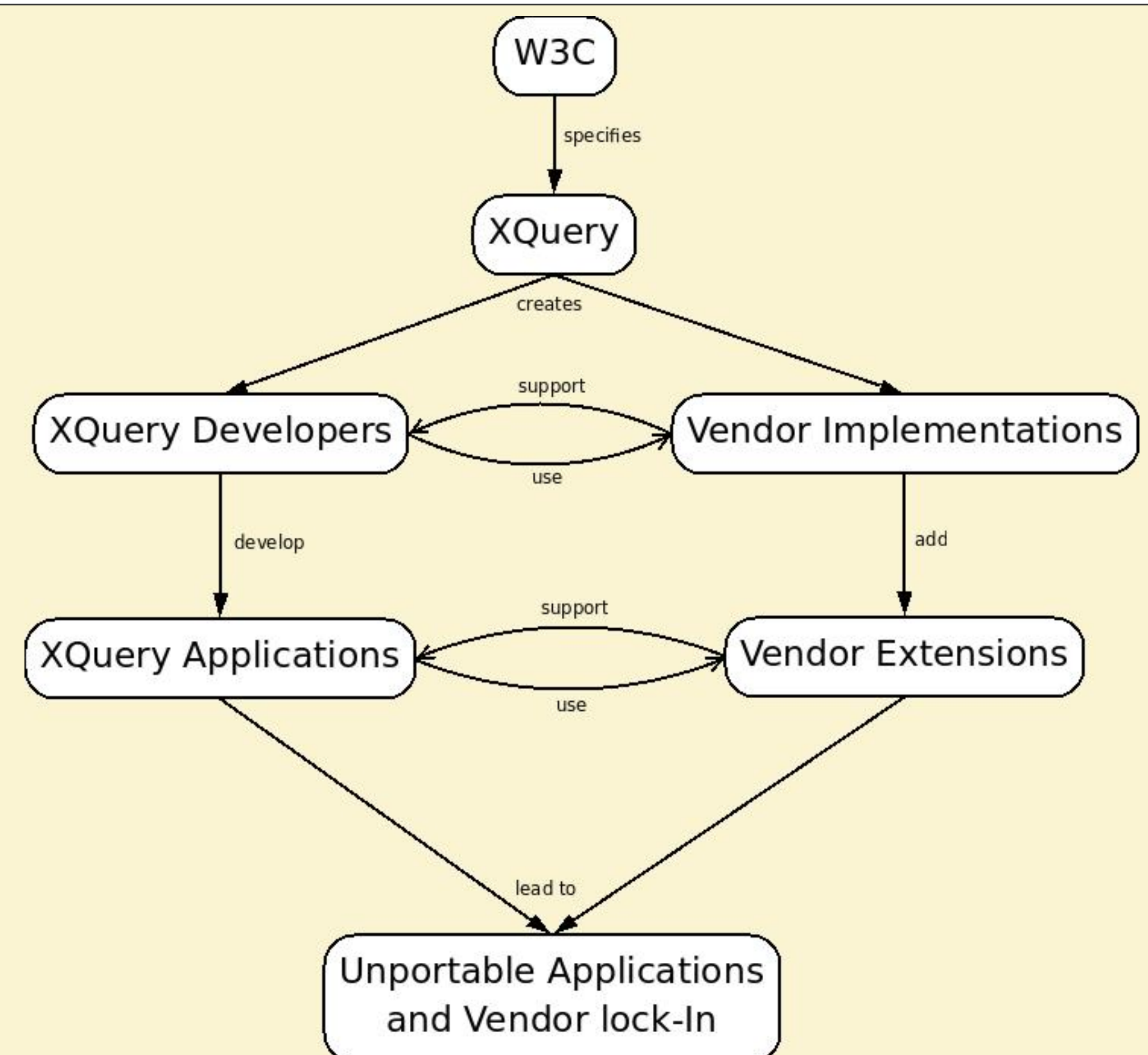
EXQuery

(~ Collaboratively Defining Open Standards for Portable XQuery Applications ~)

Background

After developing extensions for XQuery to enable the development of entire applications, we came to realise that many vendors were also tackling these same issues in their own ways.

Conversely, as XQuery Application developers we want our applications to run on all XQuery vendor implementations; if we step outside of the XQuery specification, then today this is not possible!



Problems

* Vendor provided XQuery Functions

SQL, Binary data, XSLT, PDF, email, Math, XMLDB/File, etc.

* Indexing

Configuring indexing, Index supported queries, Full Text.

* Application Configuration

Deployment, Permissions, Logging, Application config data.

* API

WebDAV, SOAP, XQSOAP, HTTP/REST - Support XRX?

These areas of XQuery Application development (and many more) vary between each vendor's XQuery implementation!

Our Approach

* Collaboratively identify needs and develop standards

Open invitation to everyone to work with us and develop appropriate standards.

* Data Driven

Research and identify common patterns of how XQuery is being extended on disparate systems.

* Core Team

Drawn from within the community to provide guidance and expertise.

Goals

* Portable XQuery Applications

DODA - Develop Once, Deploy Anywhere.

* Standards for XQuery Applications

Adoptable open standards for each area of extensibility required for XQuery Application development.

* Testable Compliance

Test suites to prove correctness of standards implementations.

Ideals

* Open and Transparent efforts

All processes and works are public and freely available. Anyone may participate.

* Participation

Collaboration from within the XQuery community.

Starting Today...

* Gathering Use Cases

Tell us your stories - please submit use cases of where you have had to extend XQuery via our website.

* 1st Project - EXQuery Function Library

Our first project has been identified as standardising XQuery Extension Functions.

Join up and collaborate
with us via our website
and mailing lists

www.exquery.org