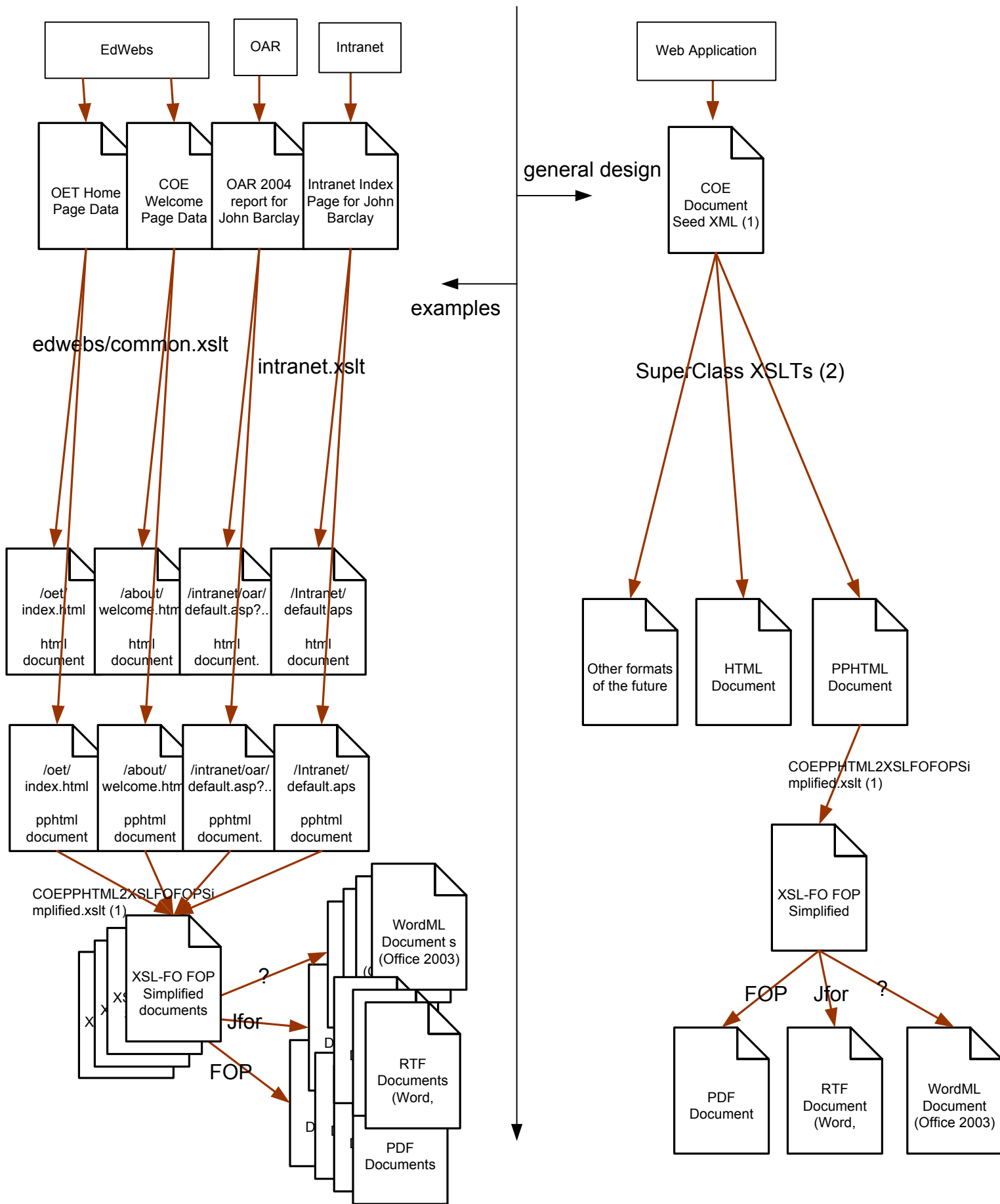


# COE Presentation Layer Design

The purpose of this diagram is to articulate a standard approach to handling COE html and print documents in applications. The goal of standardization is both consistent styles and looks for a given template, ease of application development, and ability to make documents available in a variety of mediums.



1. COE Document Seed XML. An XML document that conforms to the COE Seed Document Standard. Includes body of document in XHTML as well as processing meta data such as template type, output media type. May include elements such as navigation, etc. that are only transformed in particular superclass xslts

2 SuperClass XSLT. An XSLT document that produces HTML or COEPPHTML (Pre Print HTML) depending on the media type specified in the COE Document Seed XML document. May need to produce other types of documents in the future.

3. PPTHML. Preprint HTML. Must abide by certain rules to make conversion to print easier such as no nesting of tables, explicit column widths. May also set print document attributes such as portrait or landscape printing.

4. XSL-FO FOP Simplified. This is XSL-FO that is processable by FOP. That is it doesn't have FO elements, attributes, and attribute values that aren't supported by FOP.

5. Customization of the COEPPHTML2XSLFOFOPsimplified xslt for specific applications is done by inserting additional XSLT templates into COEPPHTML2XSLFOFOPsimplified as we do with custom XSLTs in the form processor.