

To embed Apache™ FOP in your application, first create a new `org.apache.fop.apps.FopFactory` instance. This object can be used to launch multiple rendering runs. For each run, create a new `org.apache.fop.apps.Fop` instance through one of the factory methods of `FopFactory`. In the method call you specify which output format (i.e. MIME type) to use and, if the selected output format requires an `OutputStream`, which `OutputStream` to use for the results of the rendering. You can customize FOP's behaviour in a rendering run by supplying your own `FOUserAgent` instance. The `FOUserAgent` can, for example, be used to set your own document handler instance (details below). Finally, you retrieve a `SAX DefaultHandler` instance from the `Fop` object and use that as the `SAXResult` of your transformation.