

# **xtpxlib**

## **An XML processing library**



## 0 Table of Contents

<b>0 XML processing xtpxlib library .....</b>	<b>2</b>
<b>1 Description .....</b>	<b>3</b>
<b>2 Usage .....</b>	<b>4</b>
2.1 Installing xtpxlib components .....	4
2.2 Running xtpxlib components .....	4

## 0 XML processing xtpplib library



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**xtpplib** is an open source library containing software for processing XML, using languages like XSLT and XProc. It consists of several separate components, all named `xtpplib-*`. Everything can be found on GitHub (<https://github.com/xatapult>). See its description for more information.

# 1 Description

The Xatapult XML Library currently consists of the following components:

Component	Description
<a href="#">xtpxlib-common</a>	Common component
<a href="#">xtpxlib-xdoc</a>	xdoc component
<a href="#">xtpxlib-webdoc</a>	Common website + GitHub pages generator software

## 2 Usage

### 2.1 Installing xtpxlib components

To install an **xtpxlib** component you can do one of the following:

- Clone its GitHub repository to some appropriate location on disk. The `master` branch will always contain the latest stable version.
- Or download the latest release zip from its git website (releases page) and unpack it somewhere.

### 2.2 Running xtpxlib components

**xtpxlib** consists mainly of XProc (1.0) pipelines and XSLT (2.0 and 3.0) stylesheets. To run these you'll need:

- To run the XProc pipelines use [XML Calabash](#) Xproc 1.0 processor. This library uses several of its non-standard extensions, another XProc processor is therefore probably not usable.
- To run XSLT stylesheets the [Saxon](#) processor is preferred. In most cases the (open source) HE (Home Edition) version will be sufficient. If not a PE (Professional Edition) license is necessary.
- As an alternative run the software from within the [oXygen XML IDE](#).