

Blake/An Illustrated Quarterly
Issue Archive

Editing XML and Using Git with SourceTree

Whenever you edit the XML, use the following steps:

- 1) **PULL** (SourceTree: Click “Pull” to copy the latest version of the xml—other people’s changes—from the remote repository to your own computer, at htdocs/bq/xml)
- 2) **EDIT** (Outside SourceTree: open XML files—the newest versions because you just did “Pull”—in htdocs/bq/xml and edit them.)
- 3) **PREVIEW** (Outside SourceTree: Start local servers in MAMP and go to localhost/bq in a browser to see how your changes look, to make sure nothing is broken. You should open the new issue, try each link in the table of contents, and check every article.)
Tip: If the issue, or some part of it, doesn’t display (an error in the file may prevent all the XML issues from showing up on the home page, for example), then check the PHP error log (Applications/MAMP/logs/php_error.log)—the newest errors are at the bottom, and should be labeled with the time you loaded the page that had the error; look at the first error with the current time. These errors usually give a brief explanation and a line number in the XML file (pay attention to this, not to the line number in the PHP file, which it will also provide). Most likely, the error will have to do with a mismatch between an opening tag and a closing tag in the XML.
- 4) **ADD/REMOVE** (SourceTree: You will see “Uncommitted changes” at the top, which you can select to see the files you have changed. Click “Add/Remove” to add new files/changes and remove old files/changes.)
- 5) **COMMIT** (SourceTree: Click “Commit” to log your changes locally; provide a short description of what you have done.)
- 6) **PUSH** (SourceTree: Click “Push” to share your changes with the remote repository, so that other people working on the project have access to your work. Periodically, a developer will “Pull” all these changes to the server.)