Making XML Editable on the Web

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syncro soft

<oXygen/> XML Editor

XAAS – XML Authoring as Service

oXygen XML Web Author =

A REST service to interact with XML content!

Parameters

- **url** – pointing to the file to edit
- **ditamap** – pointing to a DITA map for editing context
- **…** – more parameters are available

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Integration is key

web XML editor ≠ opening XML to edit in browser

The real power of a web editor can be seen when it is integrated to optimize or to enable a workflow!

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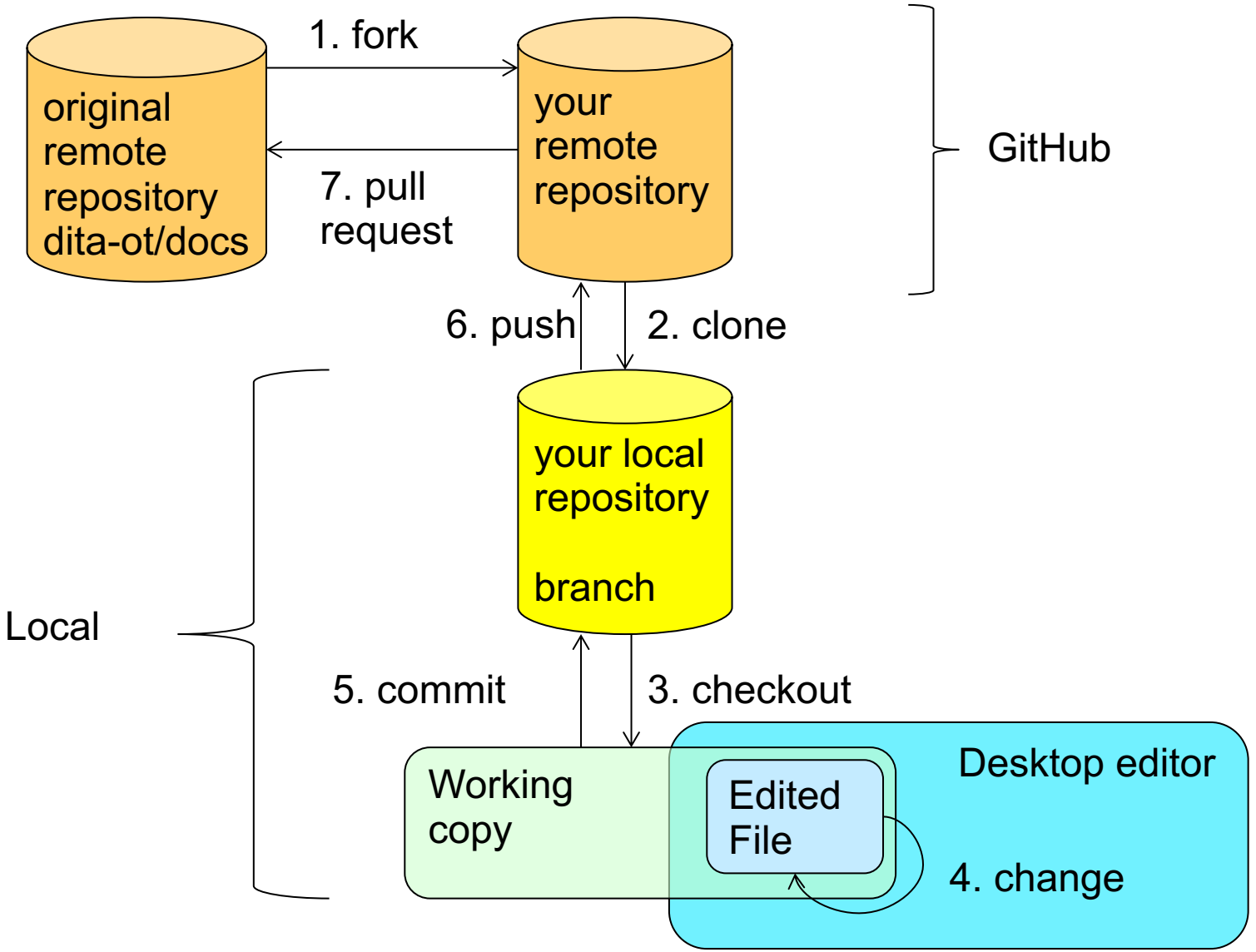
GitHub contribution workflow



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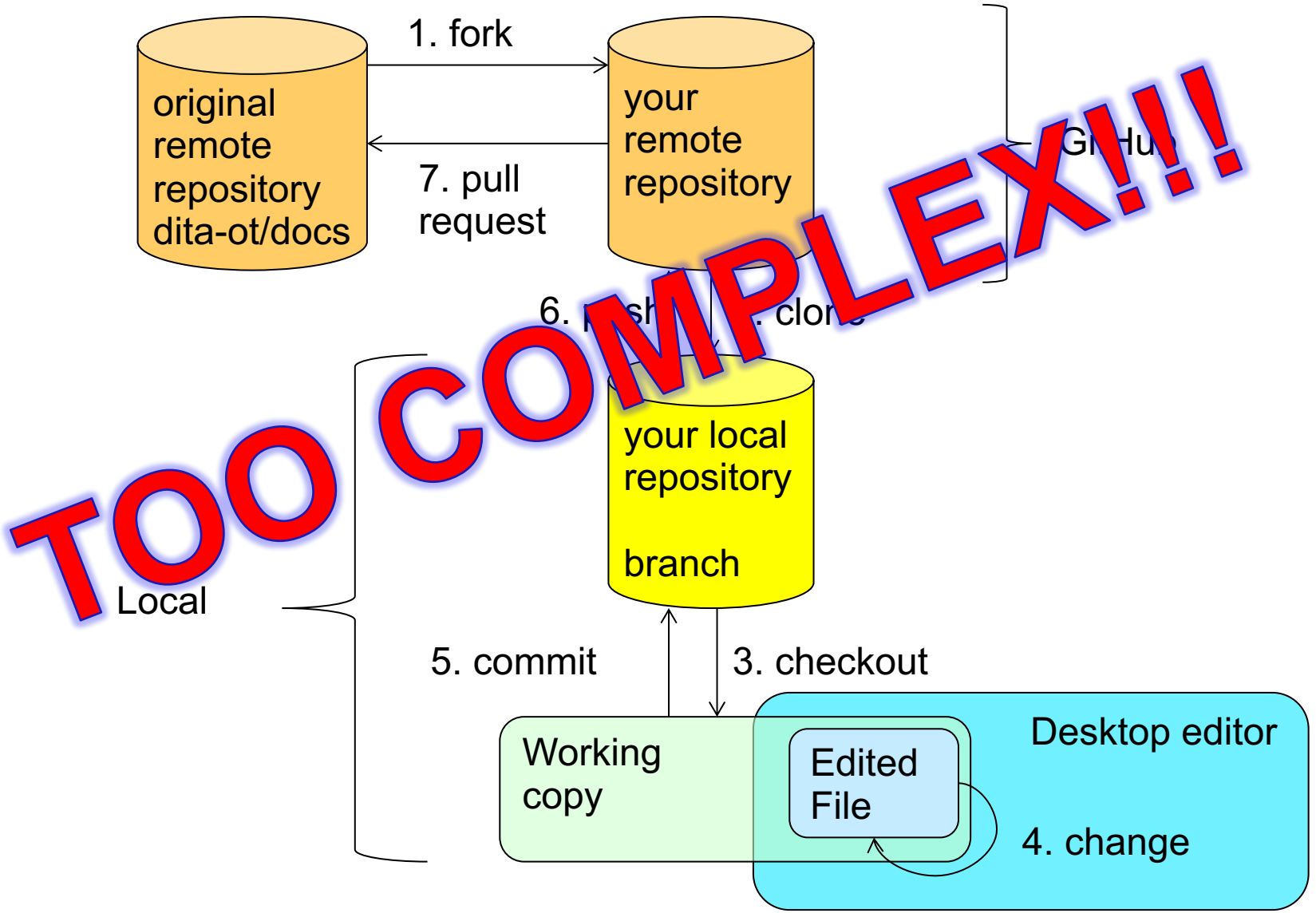
GitHub contribution workflow



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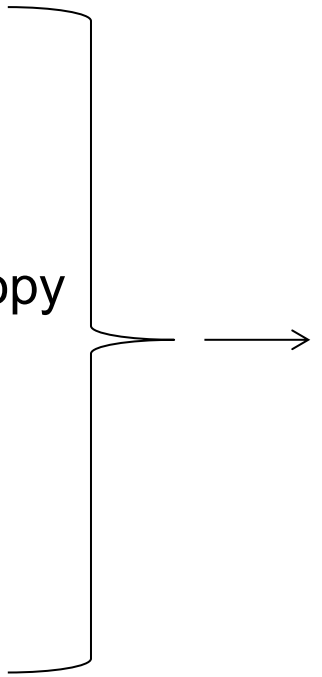
Hide GitHub complexity

Automate parts of the contribution workflow

From

- Fork remote
- Clone locally
- Branch
- Checkout working copy
- **Change**
- **Commit locally**
- Push to remote
- Send pull request



To

- **Change**
- **Save/Commit**

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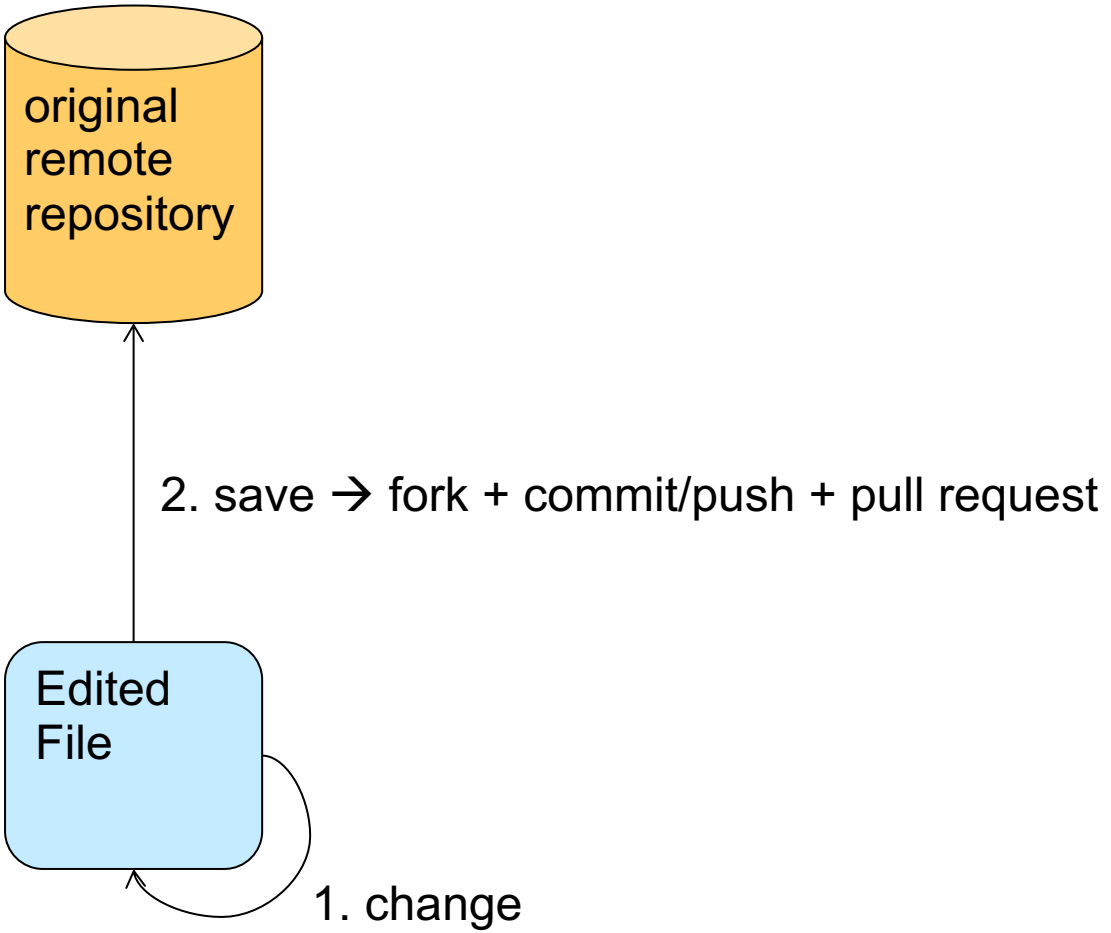
Simplified workflow



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Technical support to documentation

A support incident is an opportunity to improve your product documentation!

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Review product documentation

Involve developers to review product documentation!

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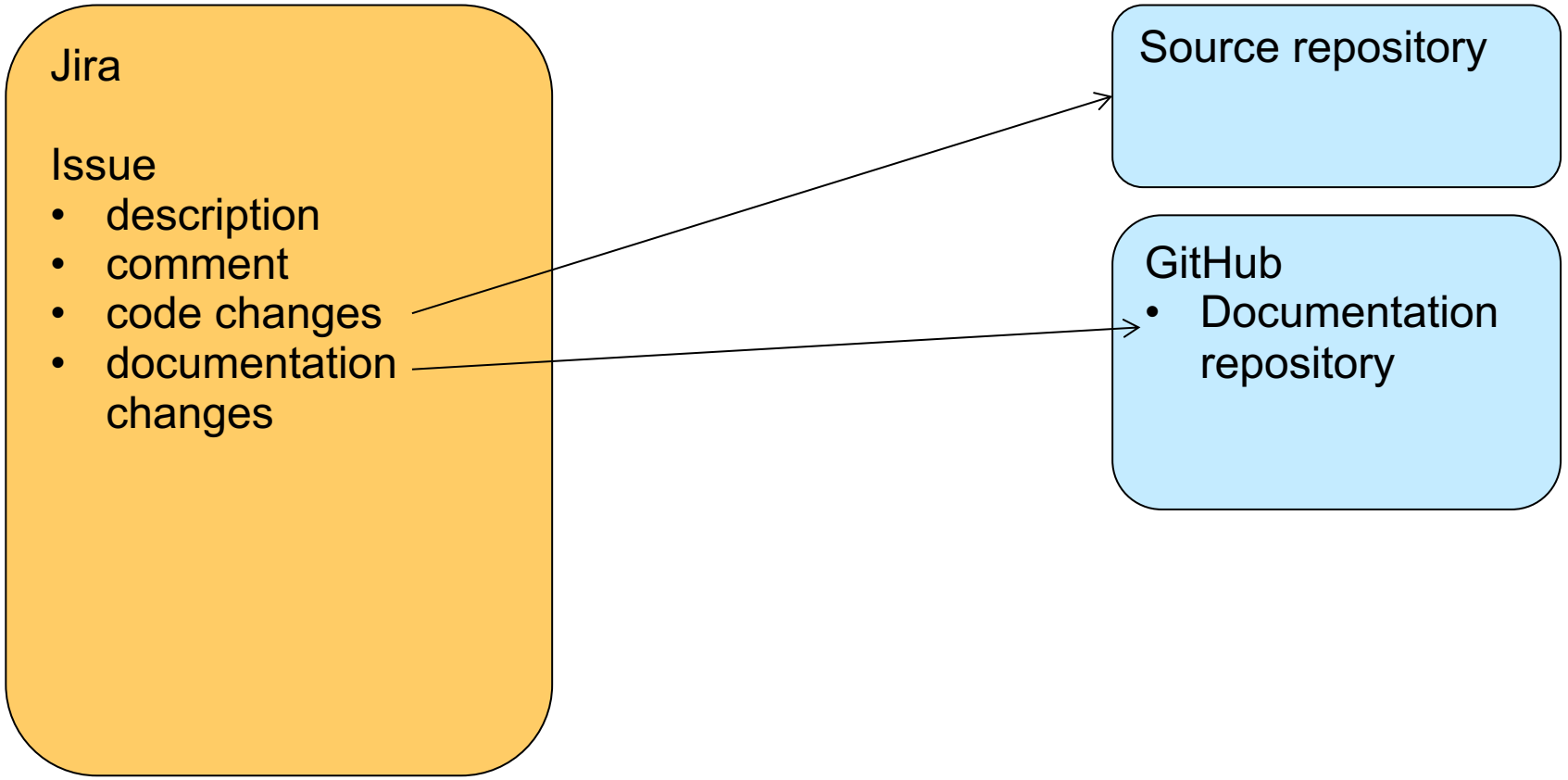
Review documentation



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Review documentation

Jira

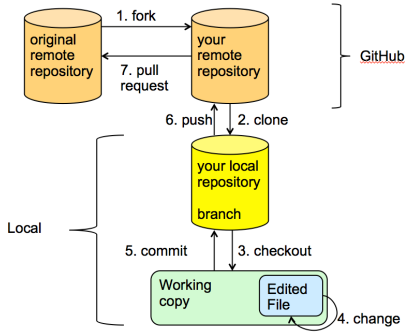
Issue
- description
- comment
- code changes
- documentation changes

Source repository

GitHub
- Documentation repository

review/edit modified documentation

GitHub contribution workflow



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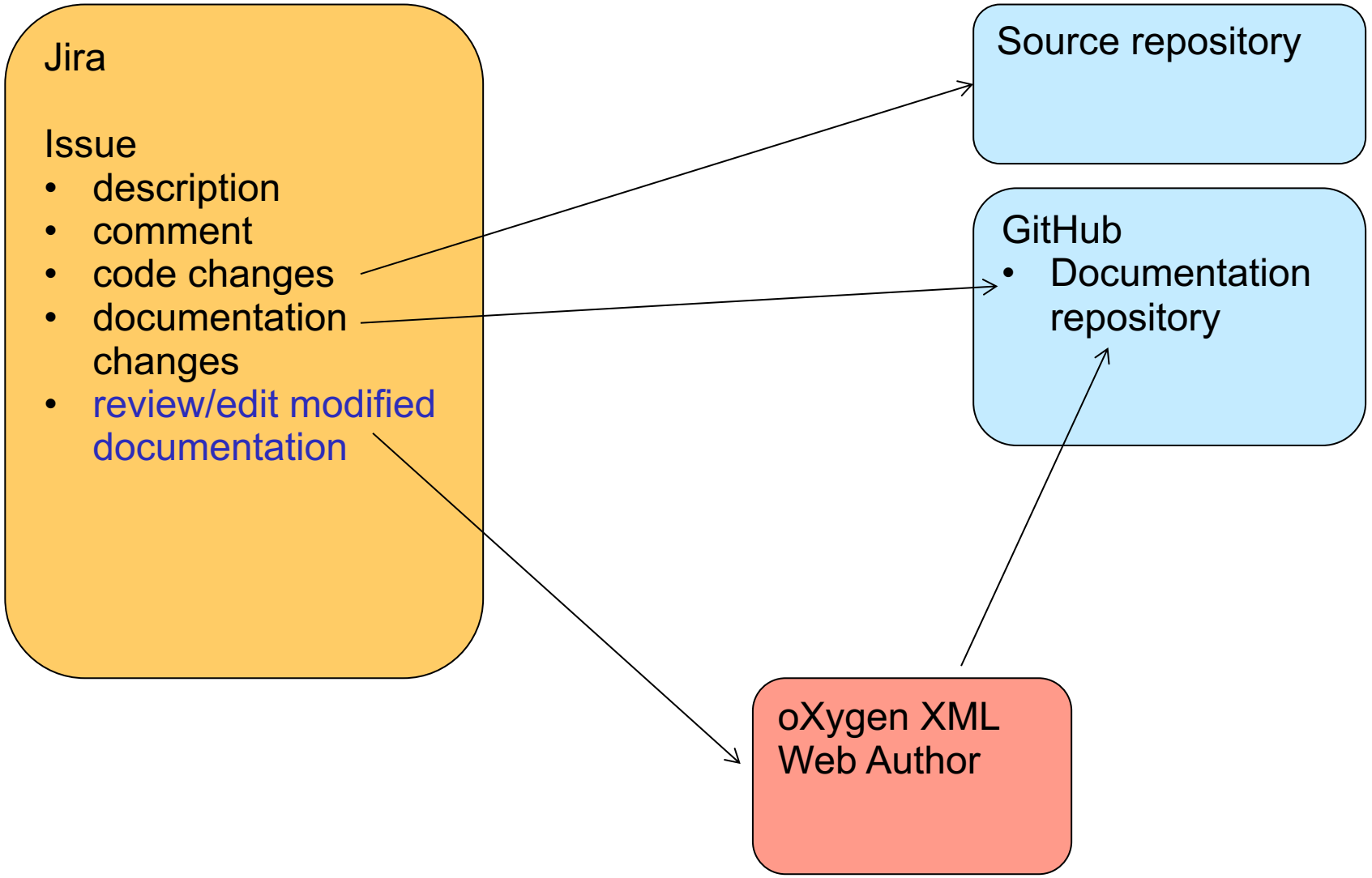
Review documentation



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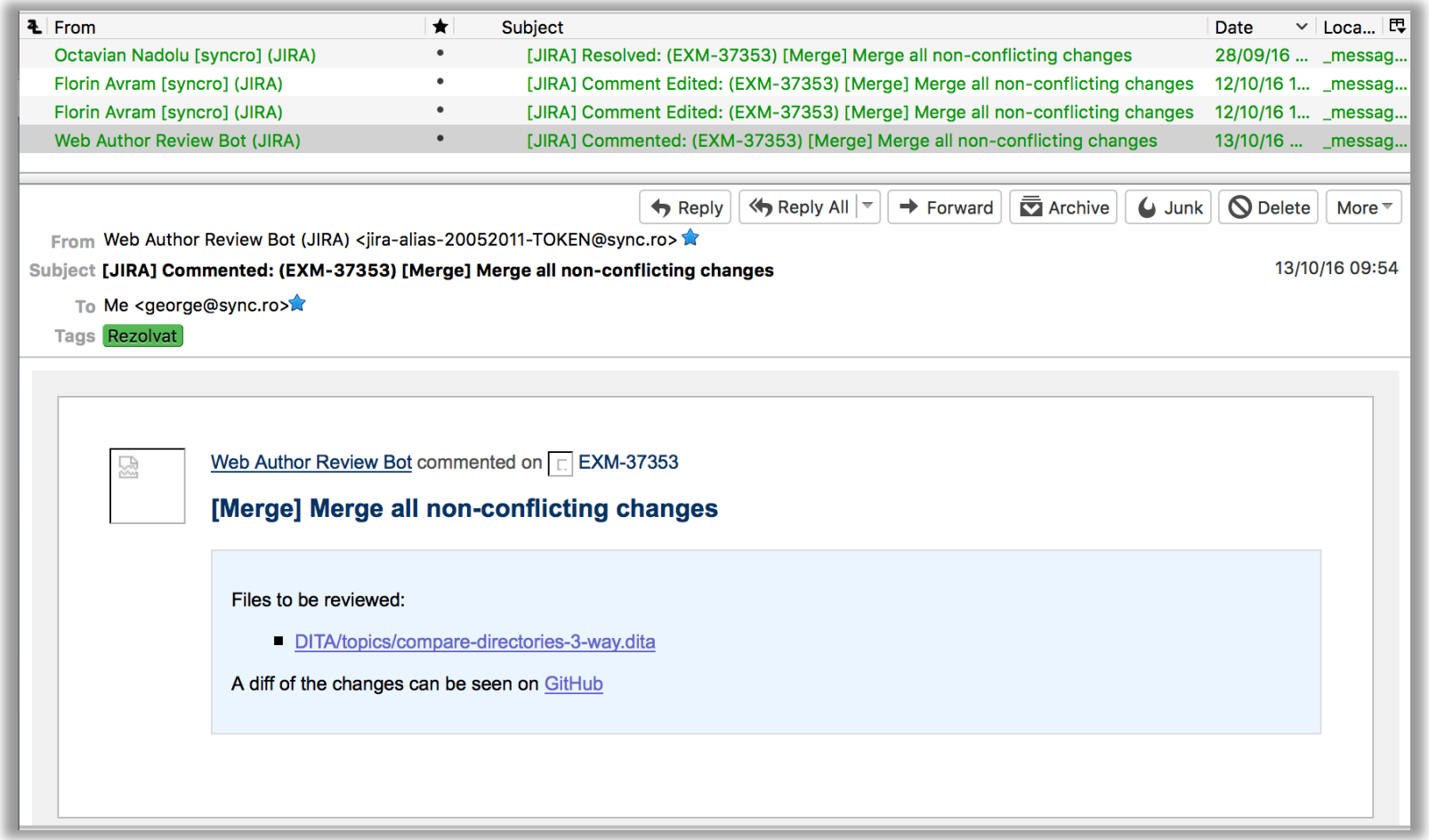
Email notifications with links



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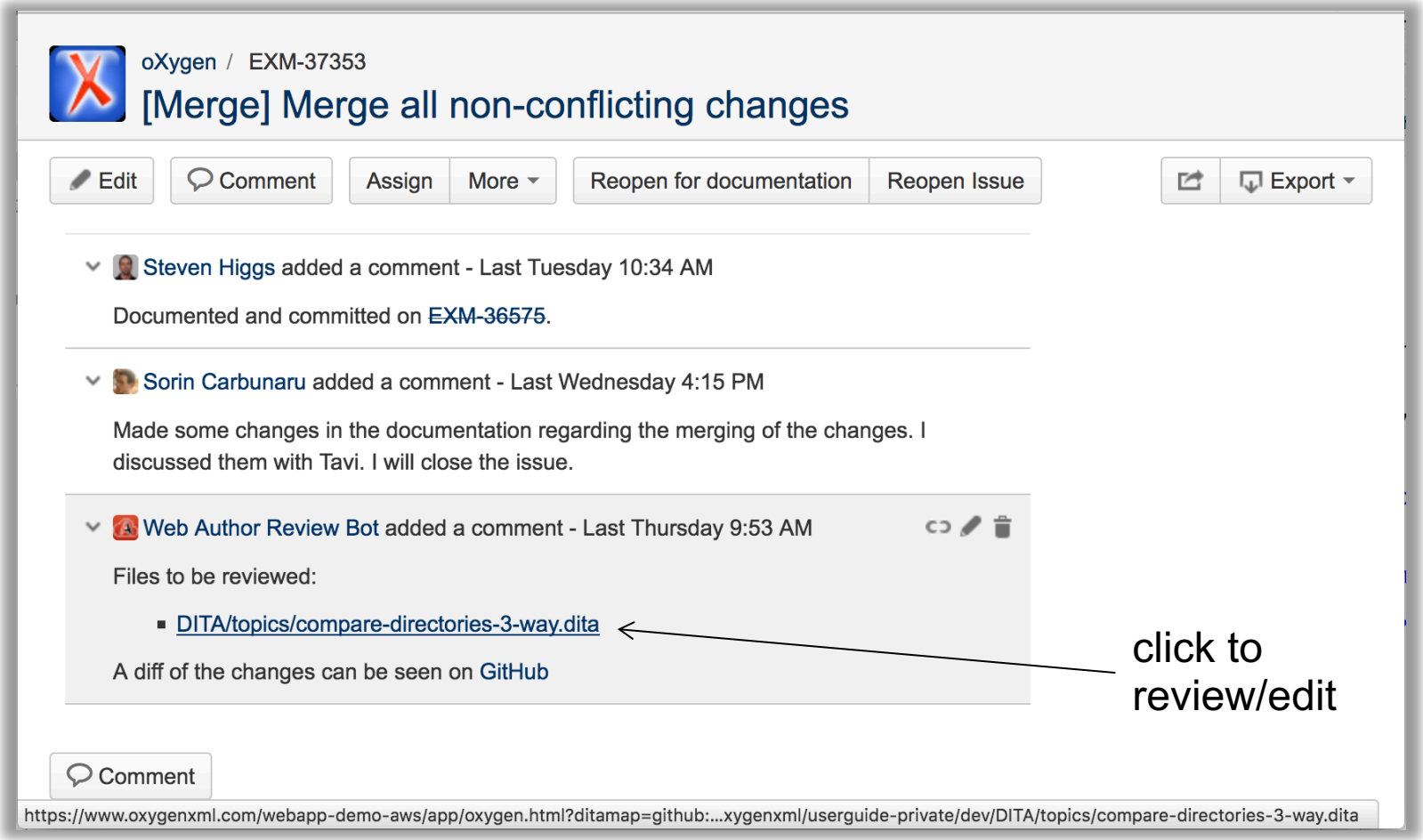
Link to changes topics



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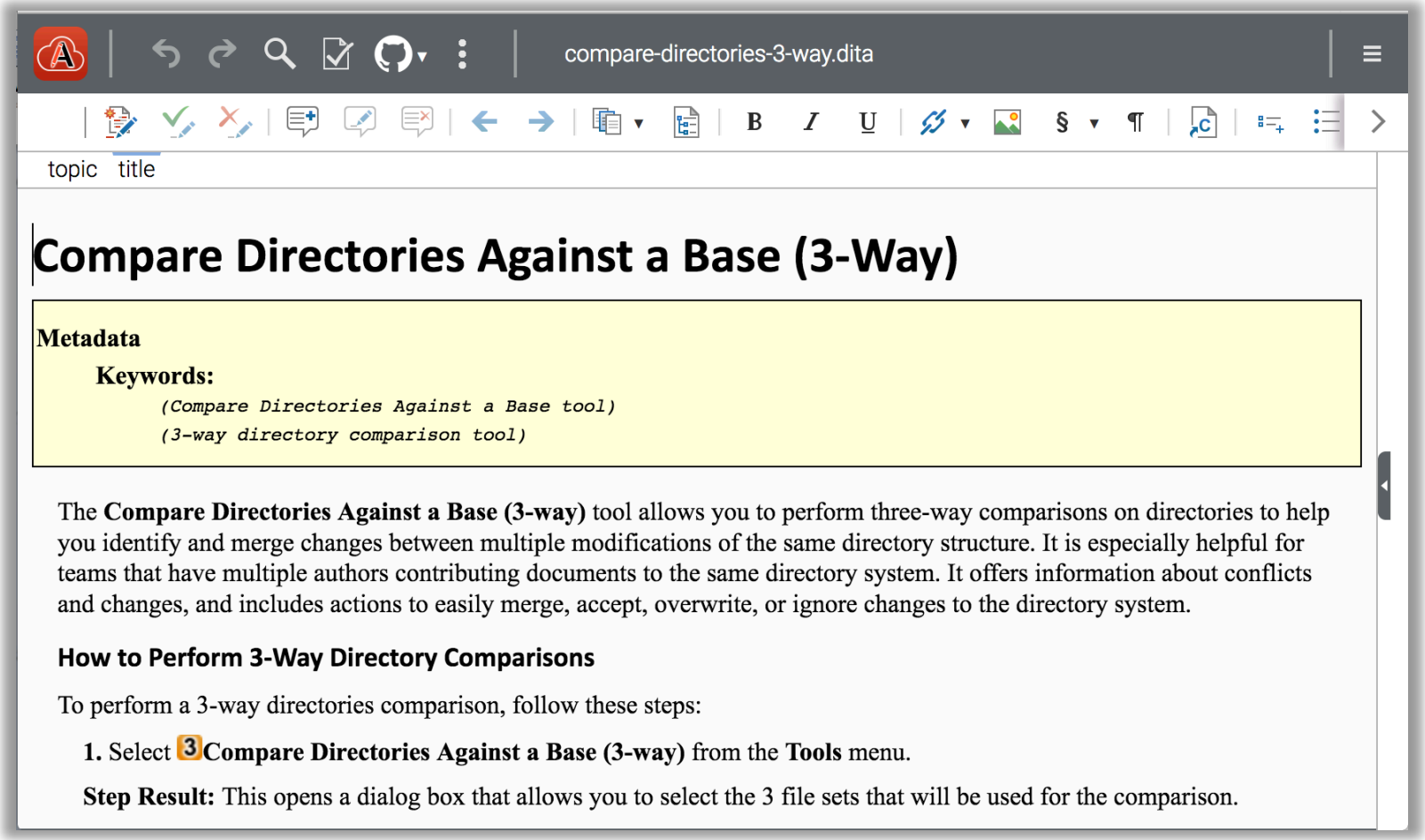
Immediate edit access



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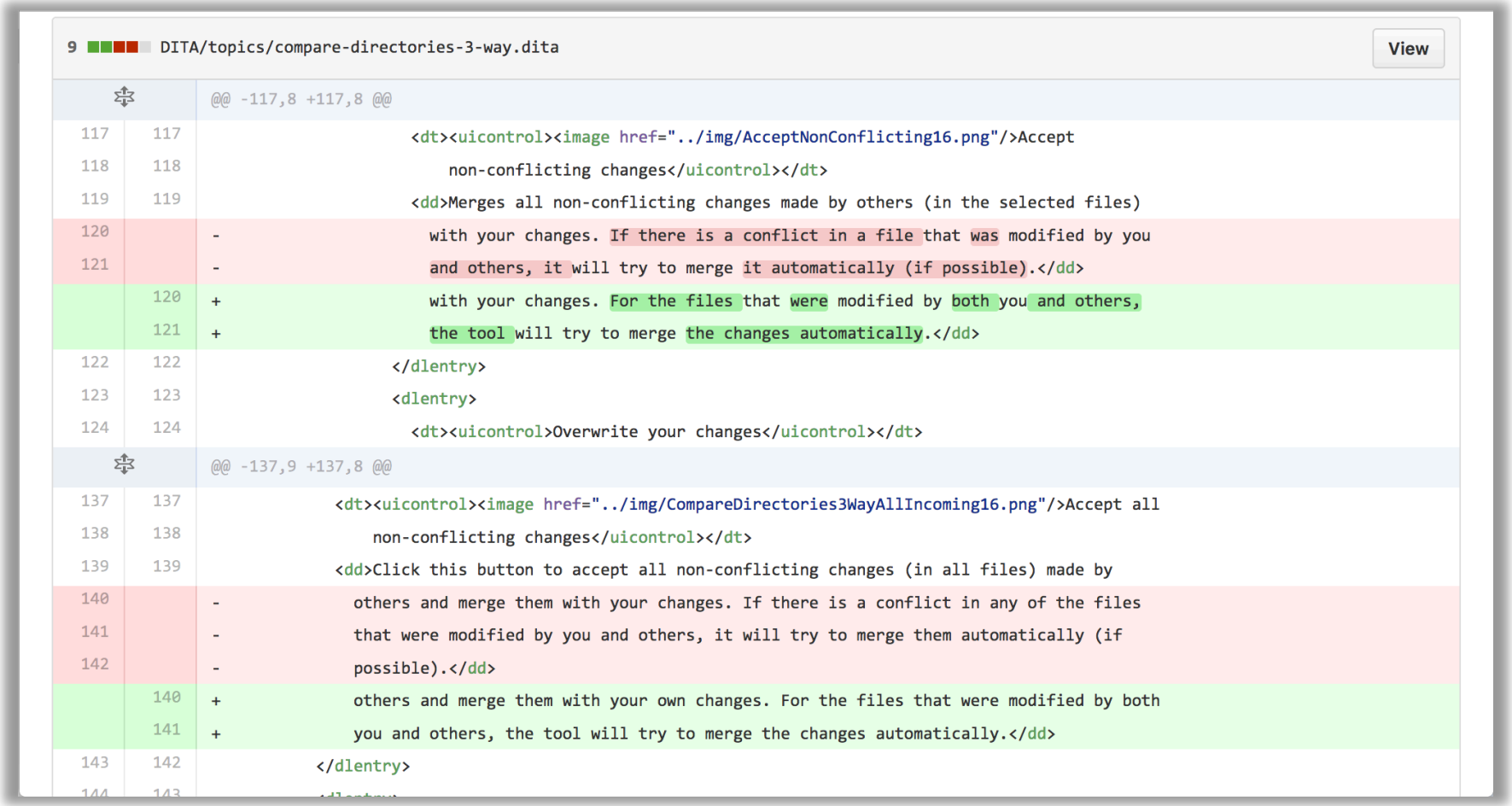
Click to see changes



9 DITA/topics/compare-directories-3-way.dita — View

```
@@ -117,8 +117,8 @@
                    <dt><uicontrol><image href="../img/AcceptNonConflicting16.png"/>Accept
                        non-conflicting changes</uicontrol></dt>
                    <dd>Merges all non-conflicting changes made by others (in the selected files)
-                     with your changes. If there is a conflict in a file that was modified by you
-                     and others, it will try to merge it automatically (if possible).</dd>
+                     with your changes. For the files that were modified by both you and others,
+                     the tool will try to merge the changes automatically.</dd>
                  </dlentry>
                  <dlentry>
                    <dt><uicontrol>Overwrite your changes</uicontrol></dt>
@@ -137,9 +137,9 @@
                <dt><uicontrol><image href="../img/CompareDirectories3WayAllIncoming16.png"/>Accept all
                    non-conflicting changes</uicontrol></dt>
                <dd>Click this button to accept all non-conflicting changes (in all files) made by
-                 others and merge them with your changes. If there is a conflict in any of the files
-                 that were modified by you and others, it will try to merge them automatically (if
-                 possible).</dd>
+                 others and merge them with your own changes. For the files that were modified by both
+                 you and others, the tool will try to merge the changes automatically.</dd>
              </dlentry>
```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DITA-OT documentation

Services used by the DITA-OT documentation

- **GitHub**
  - storage
  - versioning
  - access control
- **GitHub Pages**
  - web publishing
- **Travis**
  - automate publishing
- **Slack**
  - project communication

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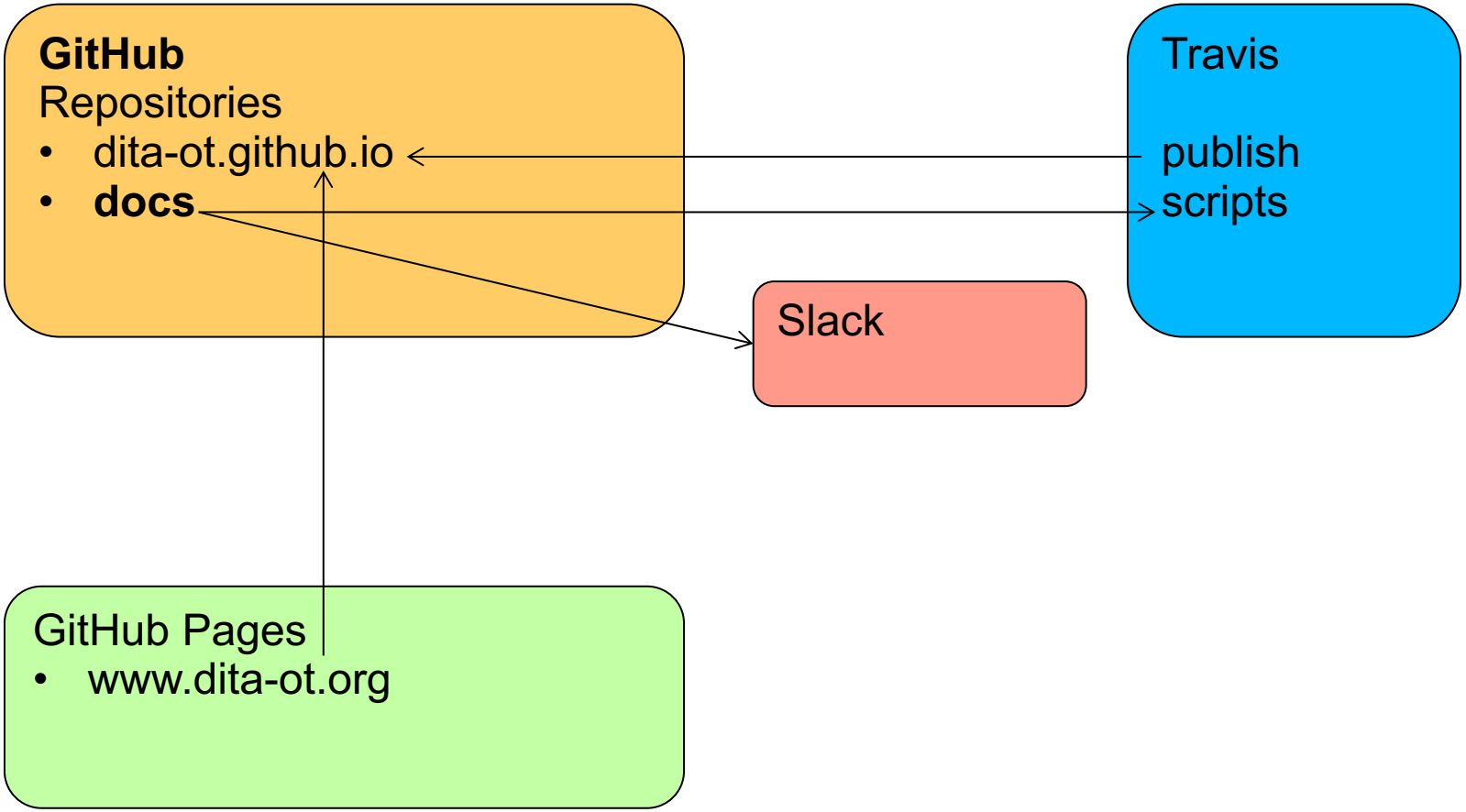
And they are connected



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New service – XML authoring

- **GitHub**
  - storage
  - versioning
  - access control
- **oXygen XML Web Author**
  - XML Authoring
- **GitHub Pages**
  - web publishing
- **Travis**
  - automate publishing
- **Slack**
  - project communication

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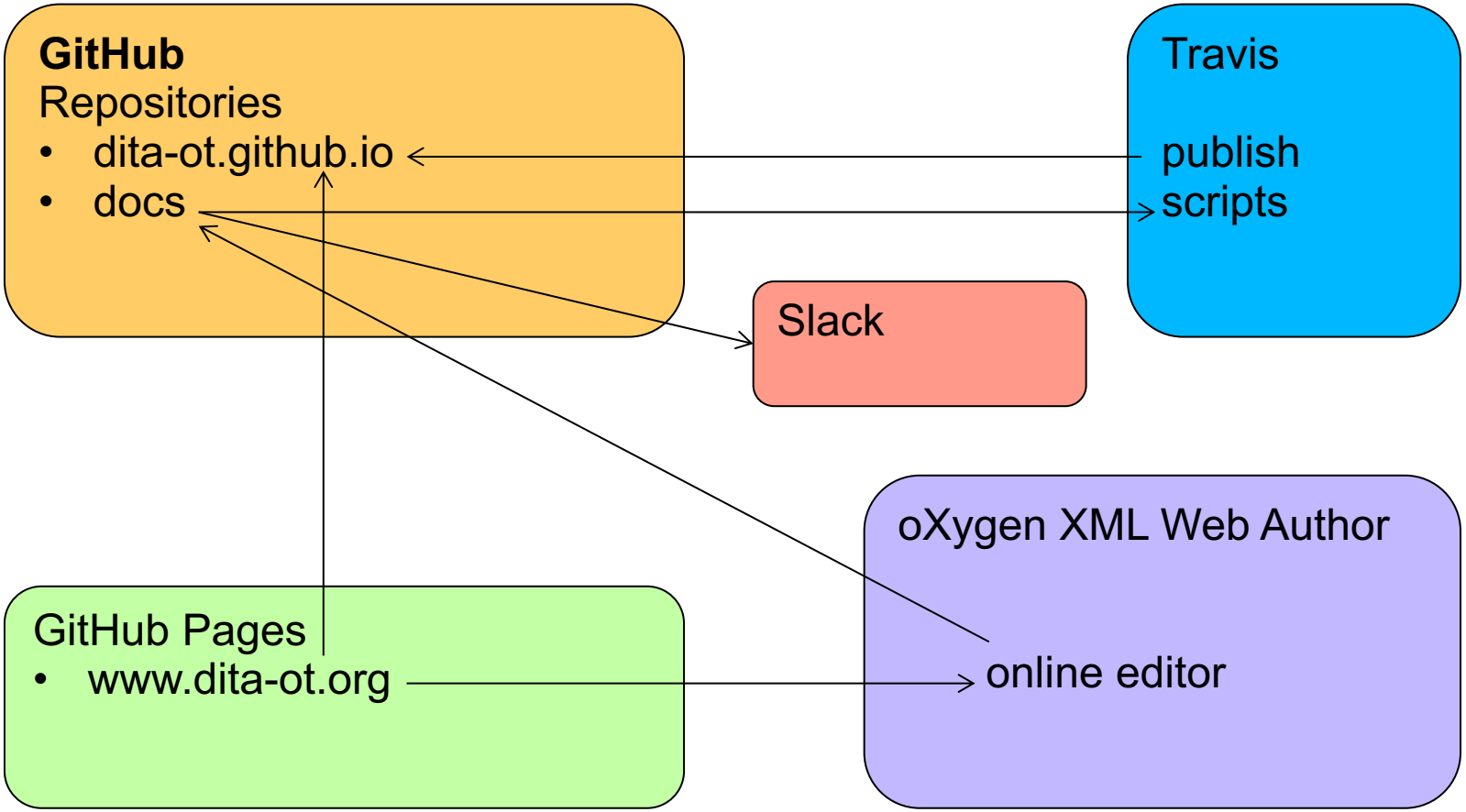
And we integrate it in the workflow



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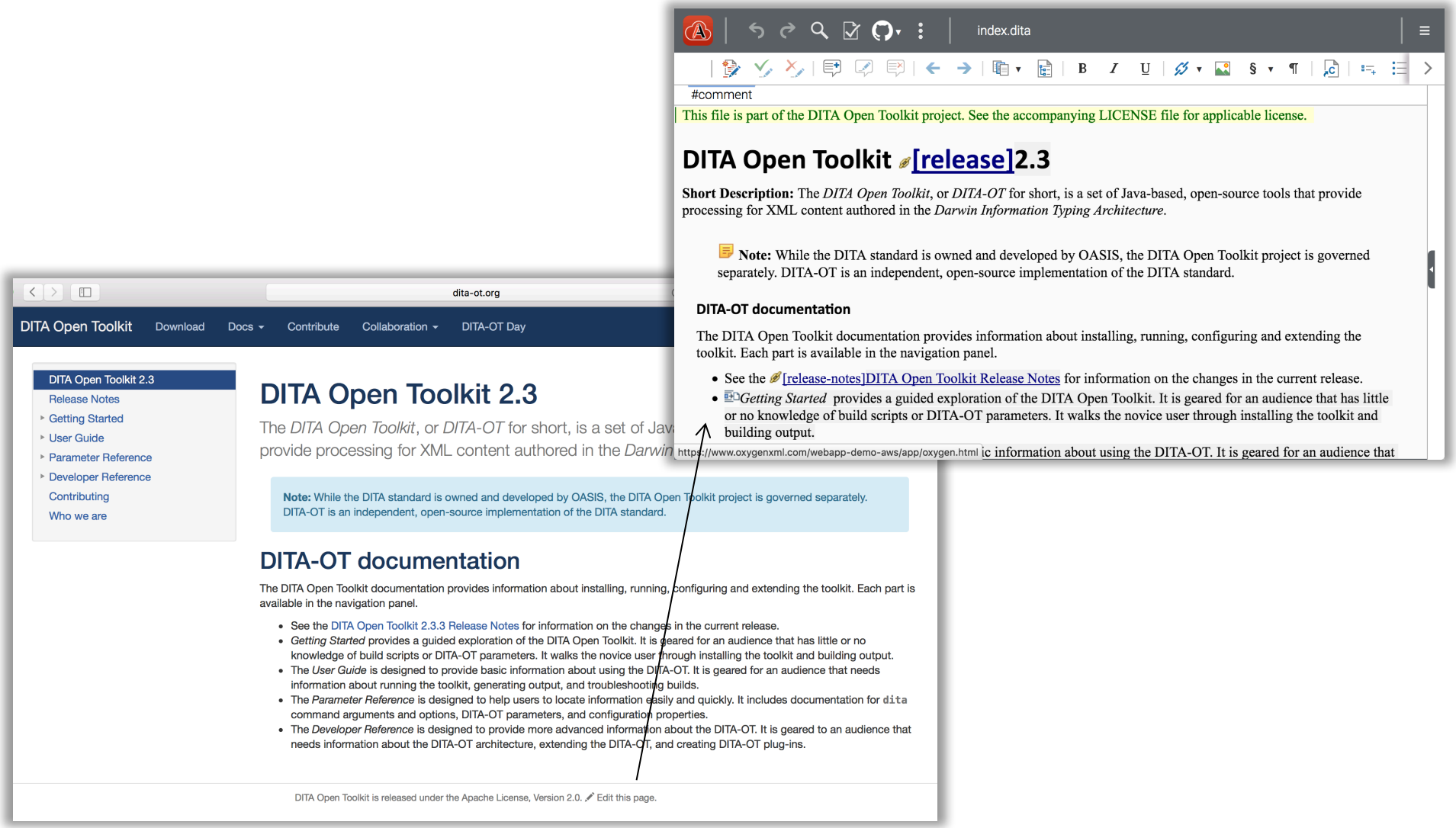
Click on website to edit its content



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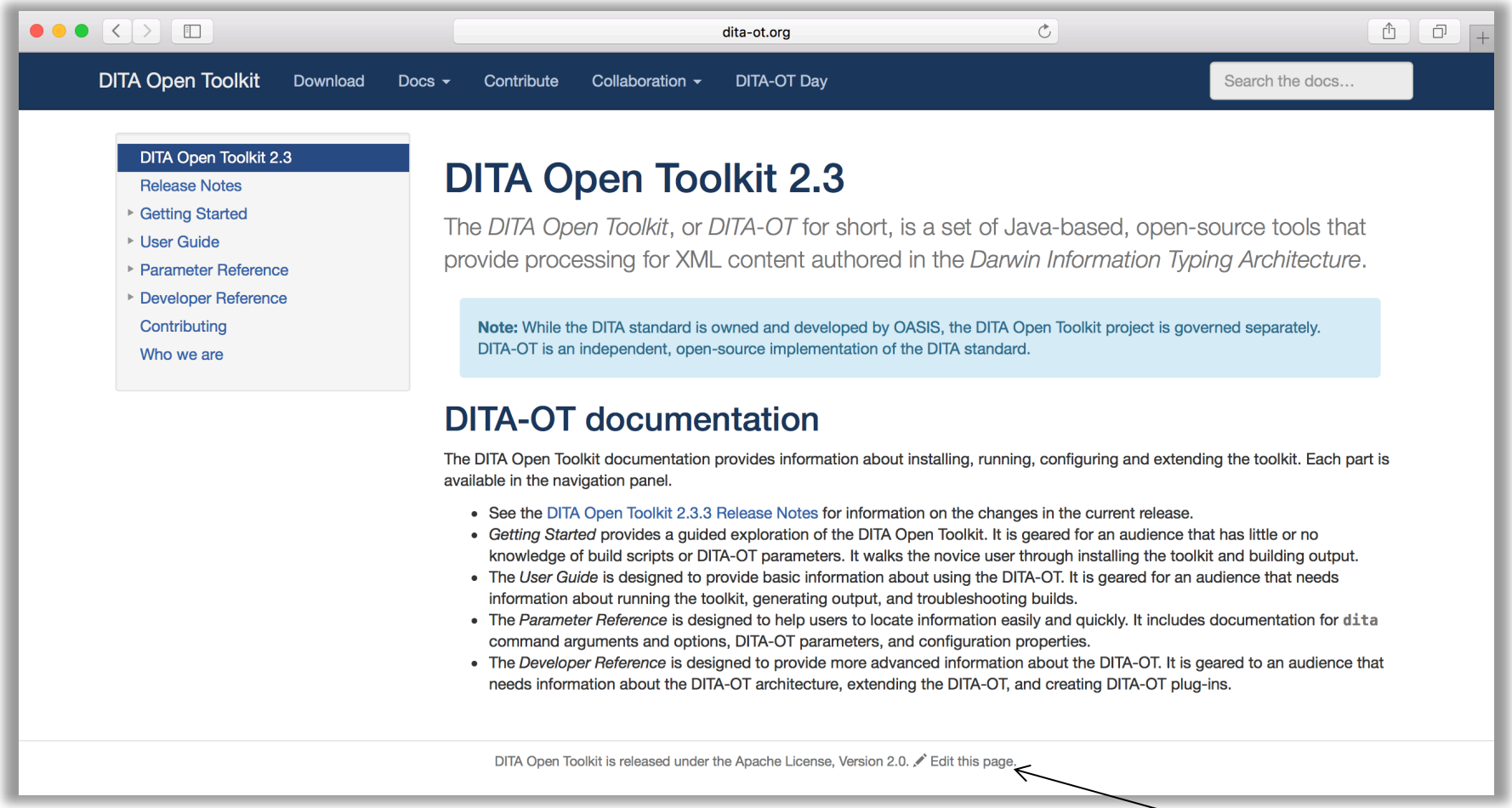
DITA-OT documentation website

http://www.dita-ot.org/dev/



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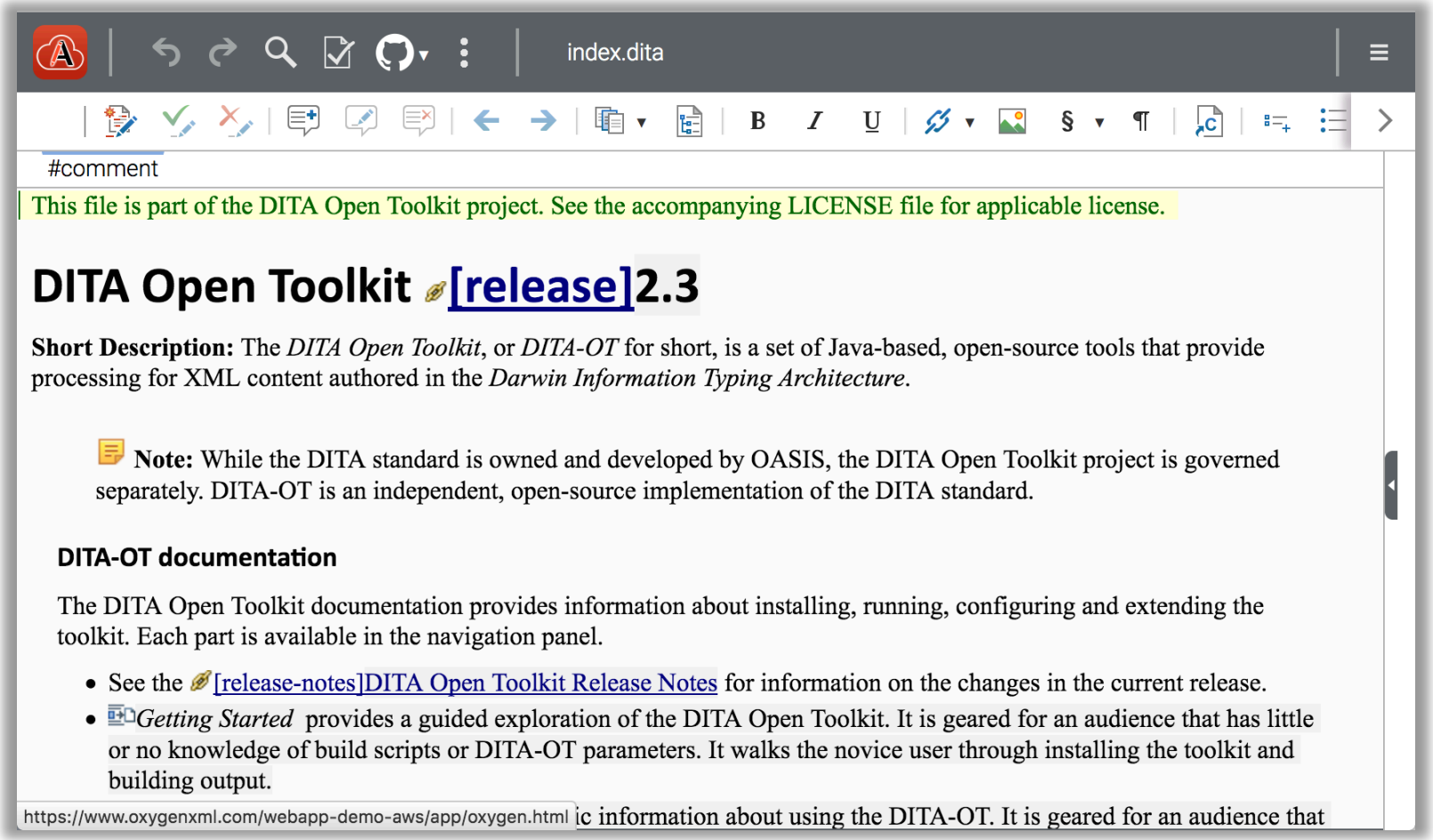
Edit the source content



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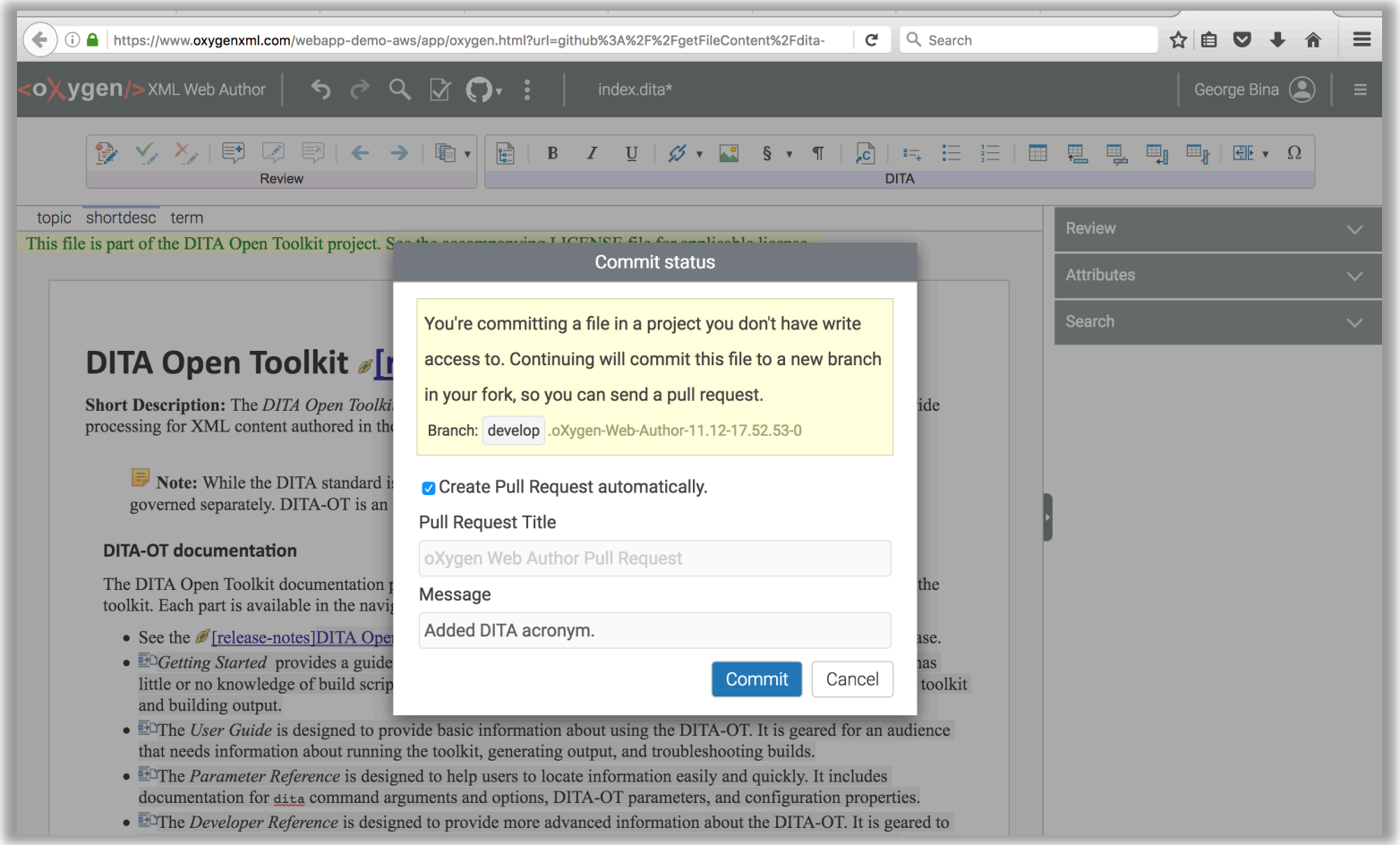
Save to send a request for change



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xproc.org and exproc.org

Similar services (GitHub, Travis, GitHub Pages) but this time the source is DocBook.

Integrates the web authoring via the “Edit this page on GitHub” links

http://www.xproc.org

http://www.exproc.org

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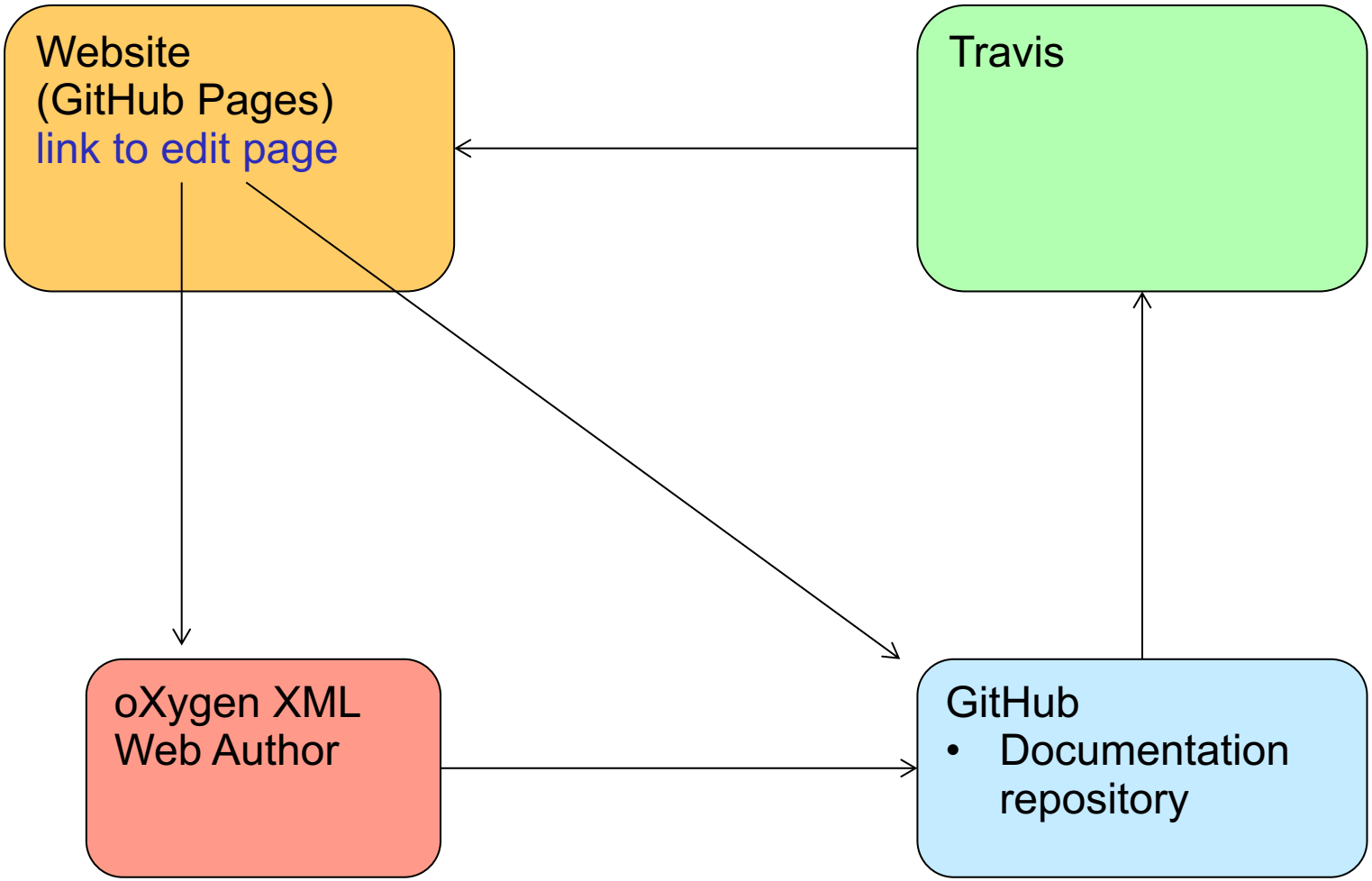
DITA+Markdown based Wiki



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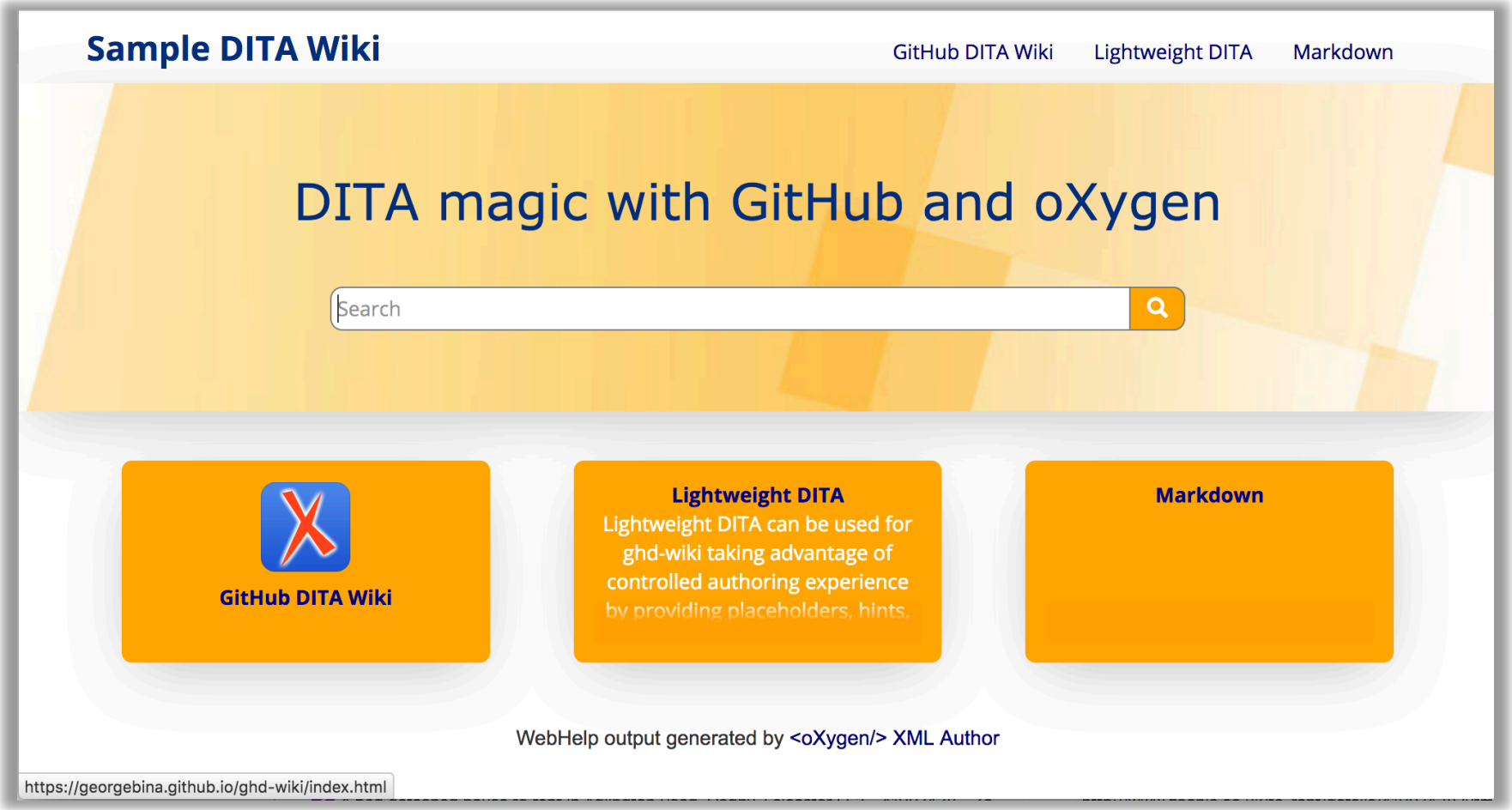
Website content

https://georgebina.github.io/ghd-wiki/



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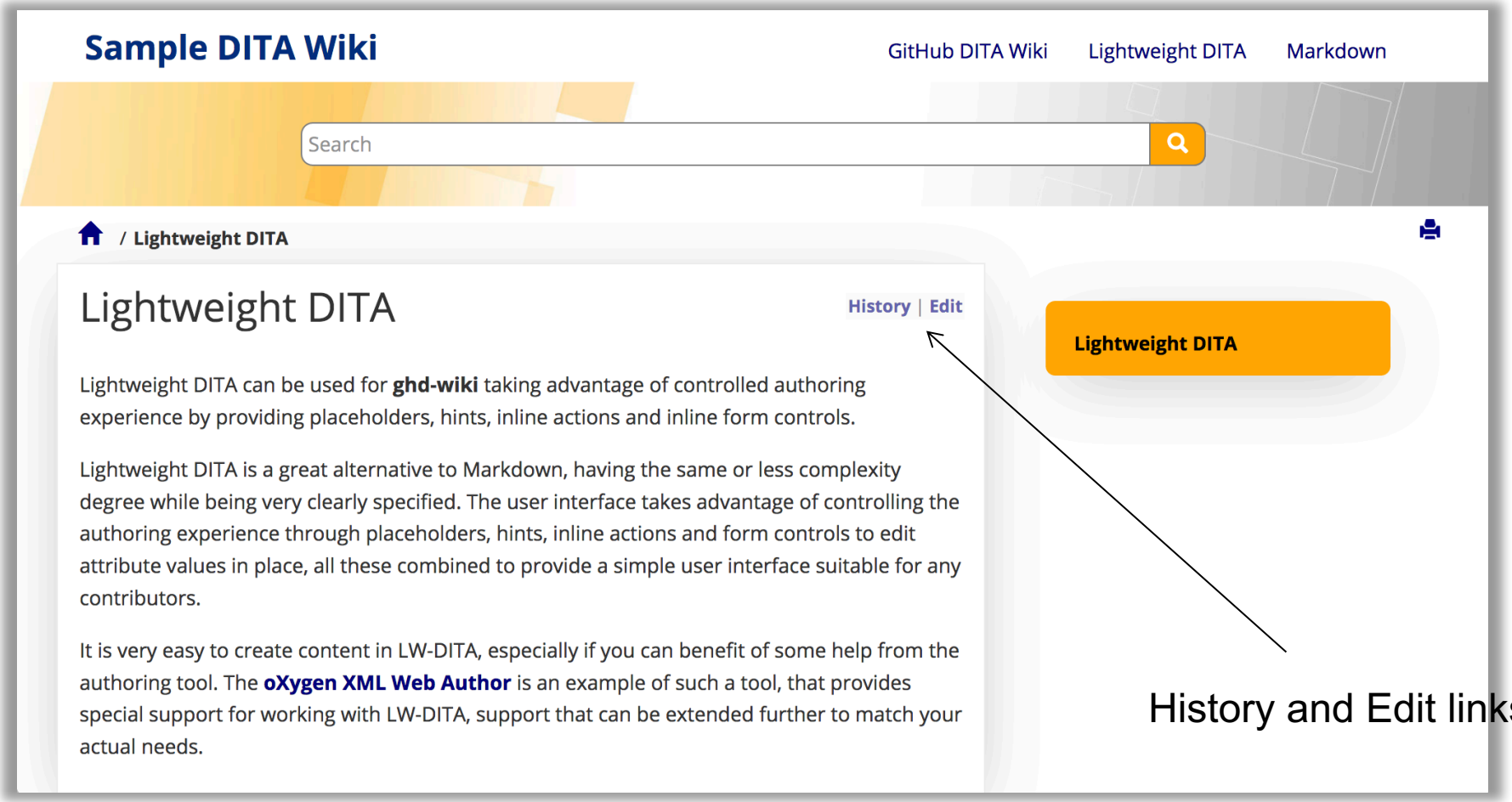
Lightweight DITA topic



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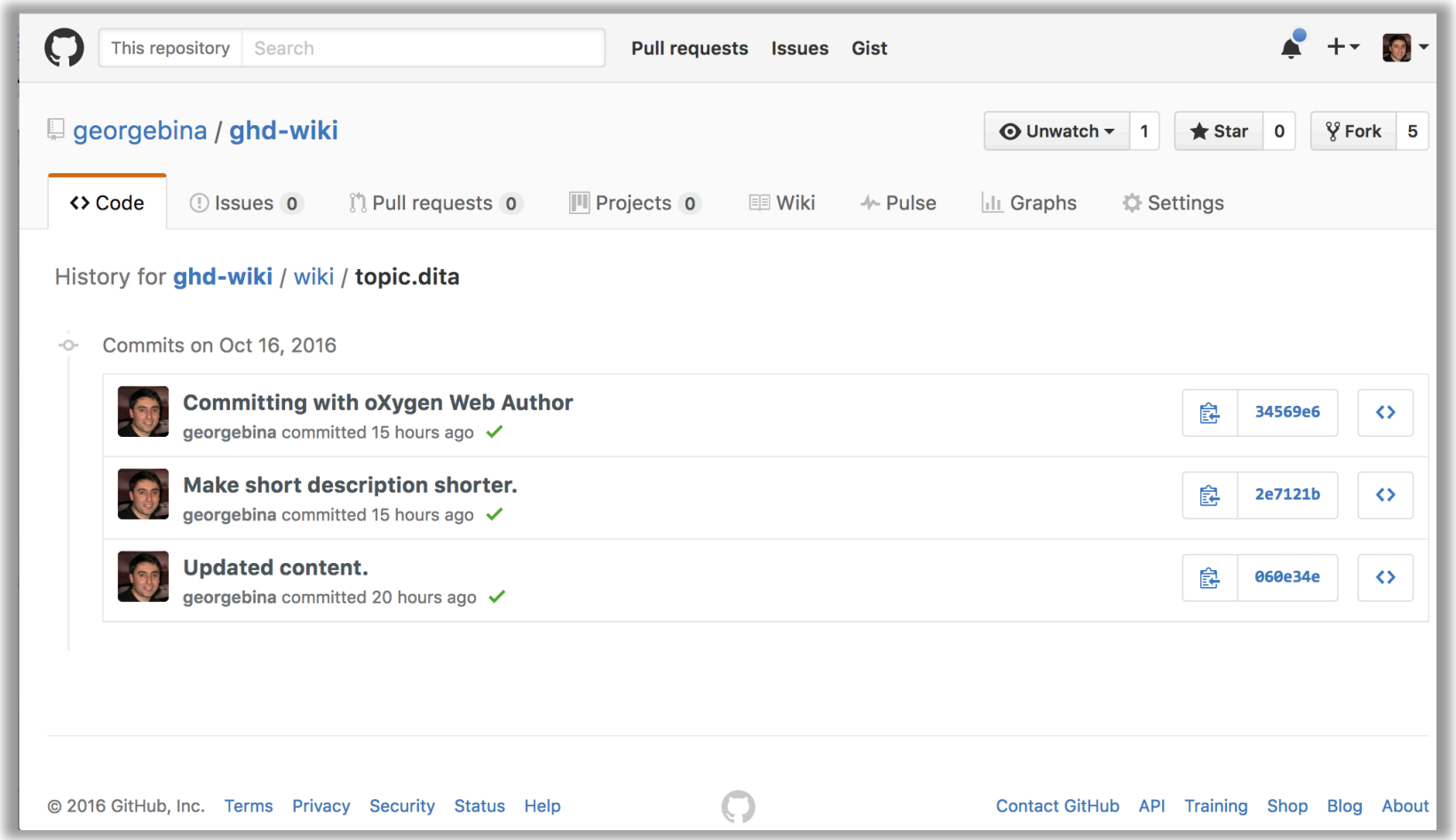
Revisions history



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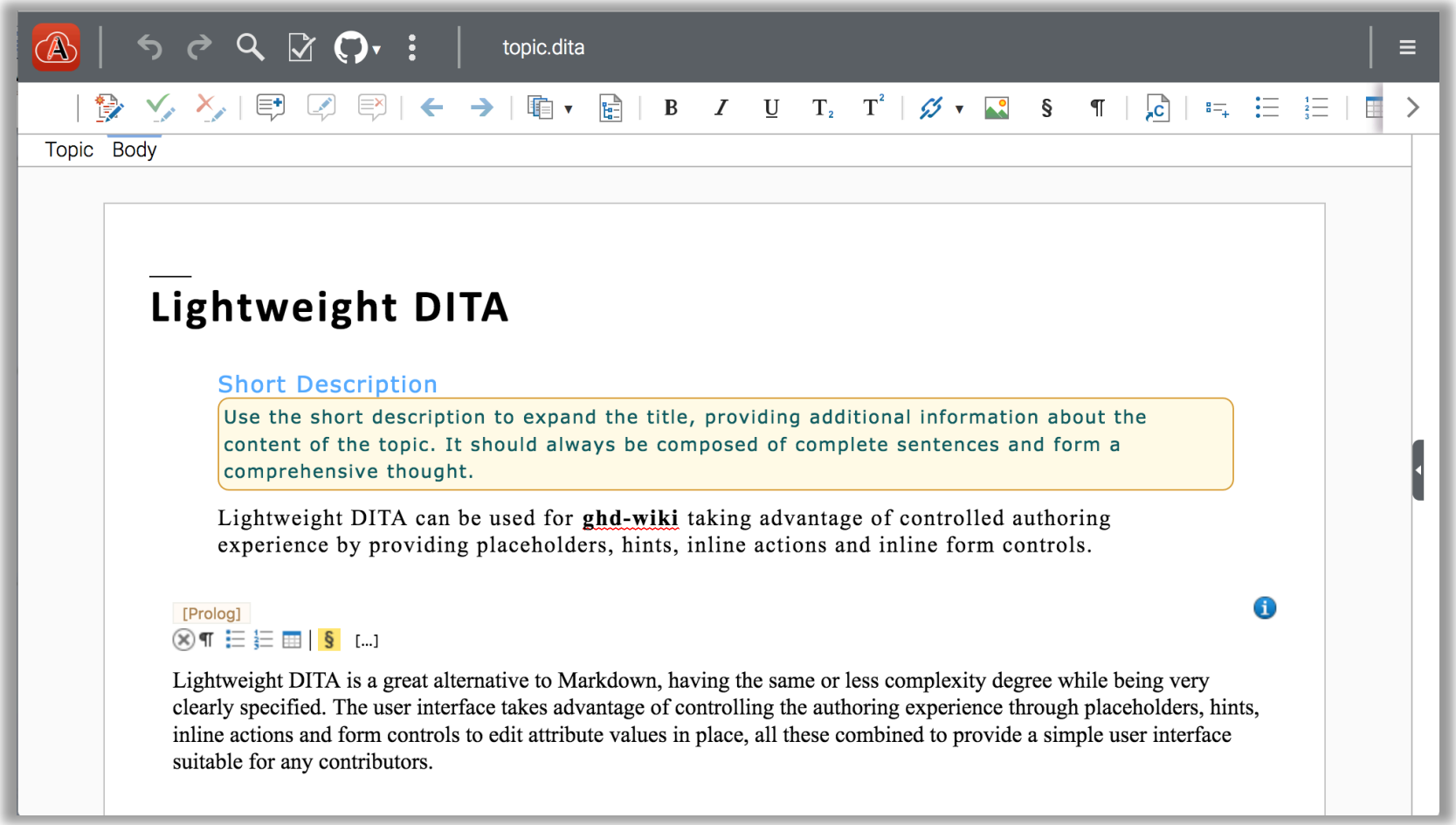
Controlled AX online editor



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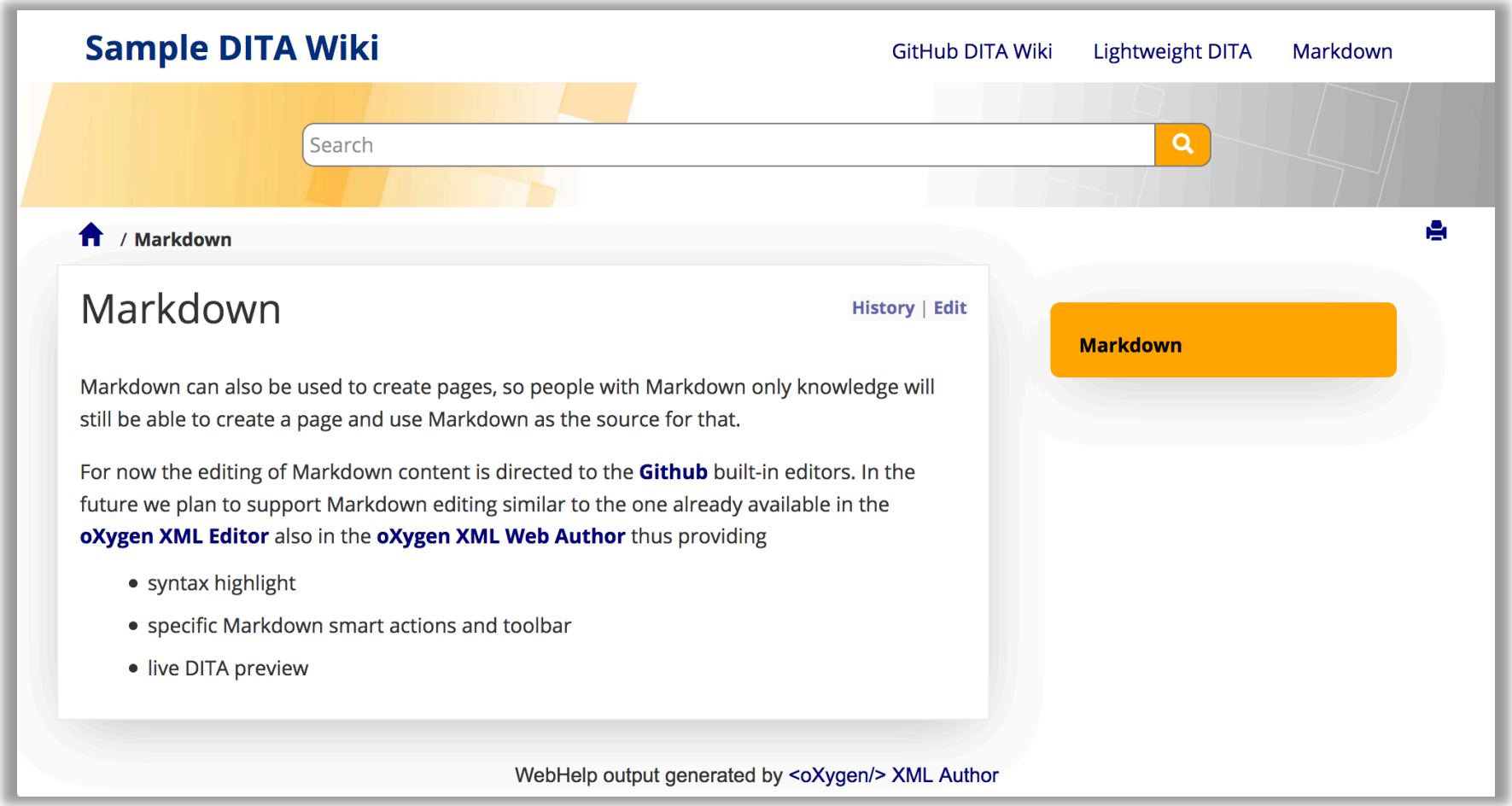
Markdown topic



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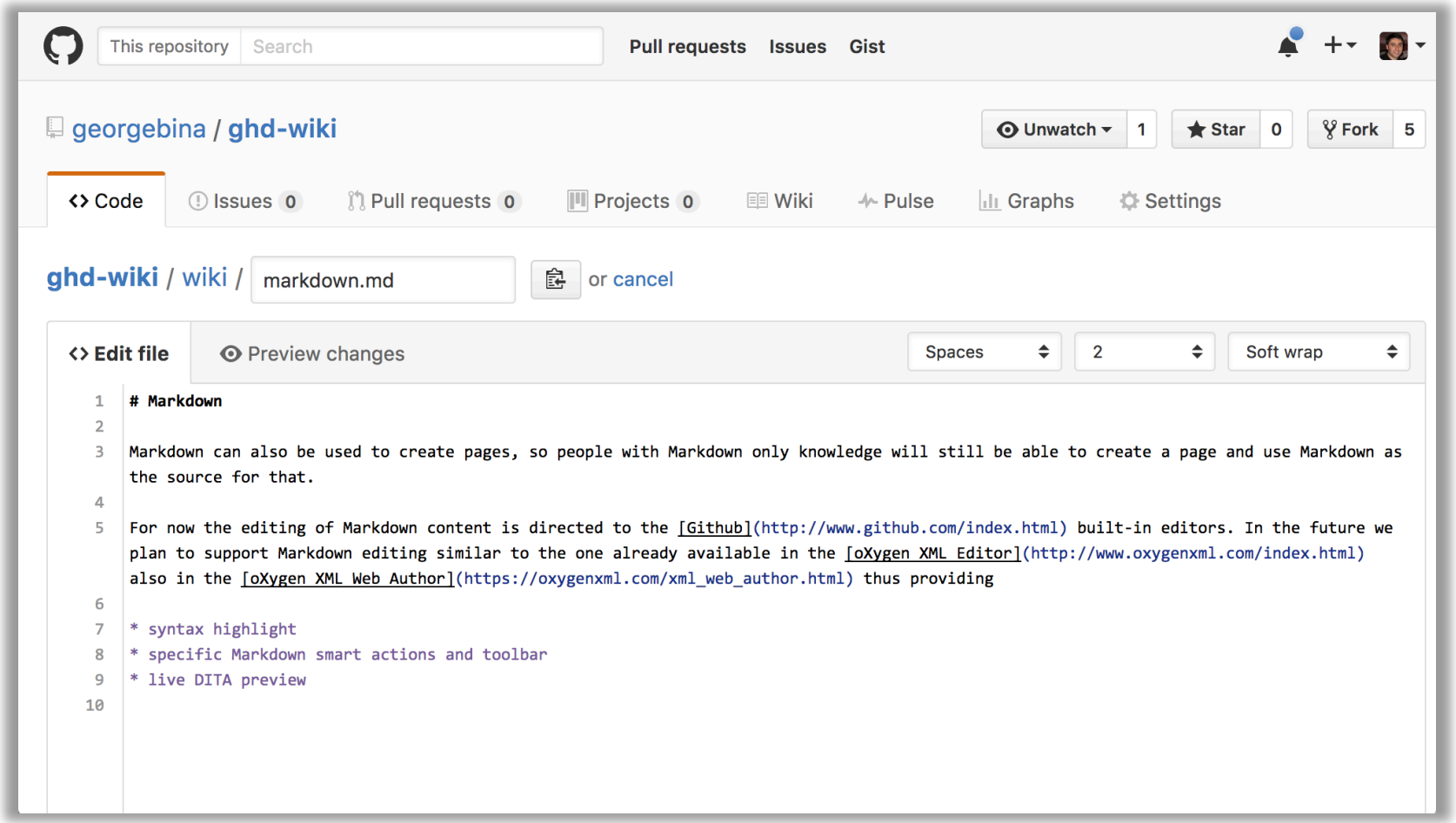
GitHub Markdown editor



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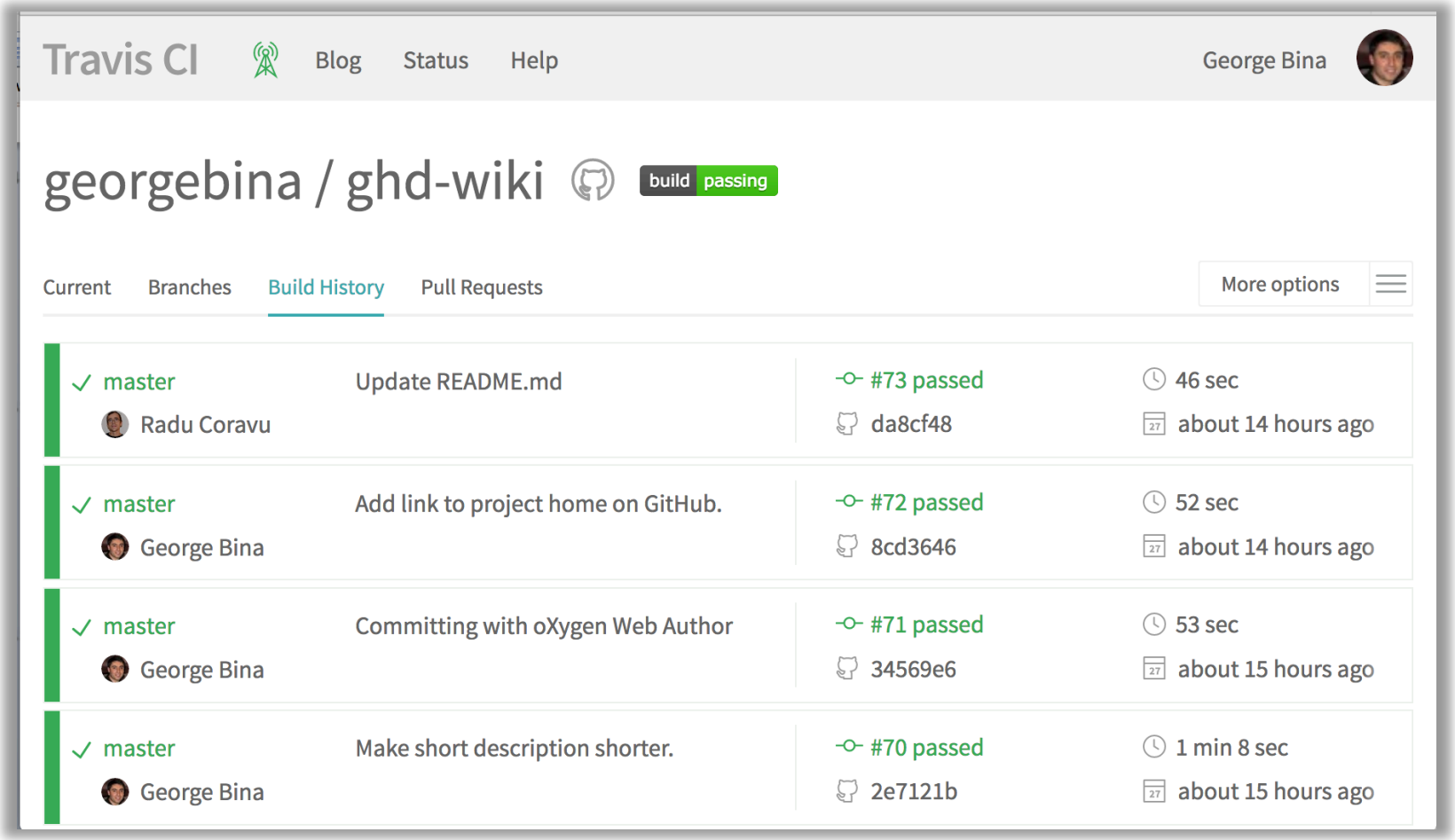
Travis project status

https://travis-ci.org/georgebina/ghd-wiki/builds



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TEI Journal

TEI CSS customization for TEI Journal articles:

https://github.com/georgebina/jteiPlus

Sample:

https://www.oxygenxml.com/webapp-demo-aws/app/oxygen.html?url=github%3A%2F%2FgetFileContent%2Fgeorgebina%2FjteiPlus%2Fmaster%2Fsamples%2FJTEI%2Fjtei_8_eide_source%2FDEMOjtei-8-eide-source.xml

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Take-aways

Integration is key for web XML authoring!

Contributing to XML-based systems cannot be easier:

Click – Edit – Save – Describe what you changed

We can turn any system into a wiki like system where anyone can edit the content

Contributions can be reviewed before they are published (content curation)

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Thank you

Questions?

george@oxygenxml.com

@georgebina

http://www.oxygenxml.com

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