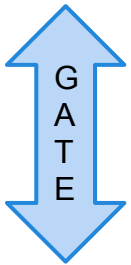


# Git - MediaWiki

(pull & push support for media files)

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# Git-MediaWiki



Git-MediaWiki is a project which aim is to create a gate between git and mediawiki, allowing git users to push and pull objects from mediawiki just as one would do with a classic git repository.



```
git clone mediawiki::http://wikiaddress.cz
git commit
git push
```

# Git-MediaWiki

- There is still a lot of functionalities which needed to be implemented.
- One of them was support for media files - page attachments ([Media:]). The actual G-M supported only files of a type [Page:].
- The goal of my patch was to implement push and pull for these objects.

# Scope of work

- Adding new functions into Perl script file `git-remote-mediawiki`, which communicates with MediaWiki through `MediaWiki::API`  
(clone, push, dealing with file revisions, etc.)
- Code refactoring  
(moving common code into new functions, etc.)
- Tests  
(using git-mediawiki test environment: <https://github.com/Fafinou/git.git> )

# git clone

## Complete wiki import

```
git clone -c remote.origin.mediaimport=true mediawiki::http://server/mediawiki
```

## Import specific pages without attached media

```
git clone -c remote.ogin.pages="Page1 Page2"
```

```
-c remote.origin.mediaimport=false mediawiki::http://server/mediawiki
```

```
git clone -c remote.ogin.pages="Page1 Page2" mediawiki::http://server/mediawiki
```

## Import specific pages with attached media

```
git clone -c remote.ogin.pages="Page1 Page2"
```

```
-c remote.origin.mediaimport=true mediawiki::http://server/mediawiki
```

## Import pages in specific category with attached media

```
git clone -c remote.ogin.pages="Categorie1 Categorie2"
```

```
-c remote.origin.mediaimport=true mediawiki::http://server/mediawiki
```

# git push

Having a file.ext you can perform :

```
git add file.ext
```

```
git commit -option "commit message"
```

```
git push
```

# Communication

MediaWiki API <https://lists.wikimedia.org/mailman/listinfo/mediawiki-api>

Git community <http://vger.kernel.org/vger-lists.html>

- Communication through mailing lists
- Fast and relevant responses
- Helping and accepting the solution

# Conclusion

In the scope of this project, I managed to finish the file support

After several iterations of

Patch with proposed solution => receive comments =>  
code revise => patch with new proposed solution

the solution was included into the project



Thank you for your attention.