

Media Wiki Backend

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Topics

1 Architecture

2 Media Wiki

Architecture

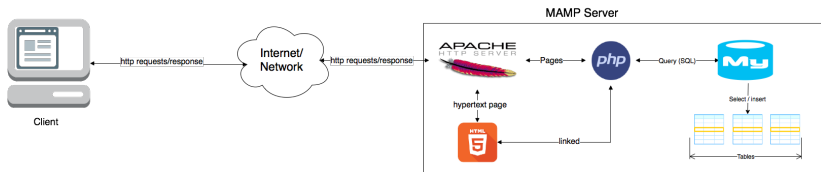


Figure: System architecture

PHP extensions

- Extension updates for MySQL (mysqli) (improved extension)
- `$mysql = new mysqli("localhost", "user", "pass", "databasename")`
- Check for errors, `$mysqli->connect_errno`
- Error message `$mysqli->connect_error`

Mysql

Select some data

- `$sql_query = "Select * from tablename"`
- `$res = mysqli_query ($mysqli,$sql_query);`
- `$row = mysqli_fetch_assoc($res);` (associative array)

Mysql

Insert data

- `$sql_query = "INSERT INTO tablename (col1, col2) VALUES (val1, val2)"`
- `$res = mysqli_query ($mysqli,$sql_query);`
- check for errors if inserted or not

Mysql

Check for query errors

- Check execution status

```
if(!$mysqli->query($mysql_query)) {  
    echo "did not execute" ($mysqli->error);  
}
```

Wiki

- Wiki (Quick in Hawaiian): Is a server program that allows users to change web site content.
- let people write web pages quickly.
- Easier than HTML.
- Simplified interface.
- Works on collaborative trust principles.
- Page owner (permissions) also present.
- Wikipedia, Wikileaks

MediaWiki

Introduction

- MediaWiki is opensource Wiki.
- Written in PHP.
- Support of MySQL database.

MediaWiki

Installation

- download from
<https://www.mediawiki.org/wiki/Download>
- Copy it to your MAMP server.
- Open it using client browser
- follow the steps.

Thank You

Any Questions ?

Relavent links I

-  Mysql Tutorial tutorialspoint.com
-  Mysql improved extention
<http://php.net/manual/en/book.mysql.php>
-  MediaWiki
<https://www.mediawiki.org>
-  Bauhaus University online MediaWiki
https://www.uni-weimar.de/medien/wiki/Main_Page
-  Bauhaus university media wiki current source files
<https://github.com/BauhausUniversity/MedienWiki>



Relavent links II



Media wiki help

<https://www.mediawiki.org/wiki/Help:Contents>