Feature Extraction Tool

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# **PREREQUISITES**

It runs on Windows .But for required resolution run it on :

* mysql-connector-net-6.1.6
* Wamp Server 2.4
* Active Perl 5.16.3
* 7-Zip 9.20

# **SOURCE CODE LOCATION**

scratch/TETools :[te-tools/FeatureExtractionTool](https://quickoffice-internal.googlesource.com/html-office/+/scratch/TETools/te-tools/FeatureExtractionTool/)

# **CODE ORGANIZATION/ARCHITECTURE**

# **HOW TO SETUP**

* Install [Mysql-connector-net-6.1.6](http://dev.mysql.com/downloads/connector/net/6.1.html), [Wamp](http://www.wampserver.com/en/) , [Activeperl](http://www.activestate.com/activeperl/downloads), [7-zip](http://www.7-zip.org/download.html).
* Clone the code from scratch TETools branch.
* Copy paste all files and folders from [te-tools/FeatureExtractionTool](https://quickoffice-internal.googlesource.com/html-office/+/scratch/TETools/te-tools/FeatureExtractionTool/) to ”c:\wamp\www\”.
* Configure the wamp for local hosting.
* Open PhpMyAdmin from wamp server
  + Give user id as root and Go.
  + Create the new database name as “feature\_extraction”.
  + Import all sql files in database from ”c:\wamp\www\Database\”

* Open perl file form “c:\wamp\www\Helper\zip\all\_in\_one.pl and change the following paths:
* 1) “$DatabasePath” : Change that path according where database is uploaded in SQL-Database.
* 2) “$FilesLocation” : Change that path according where actual files are stored on machine.
* 3) Save all changes in all\_in\_one.pl files.
* Schedule the Scheduler for bat file from “c:\wamp\www\Helper\zip\del.bat” for every day at 1.00 am.
* **HOW TO RUN**
* Open Browser and Browse ulr according to machine IP address.
* Fill all the criteria for file extraction.
* After some time Download link is visible to download zip.

# **TEST DATA USED**

# **LINK TO TOOL IN PRODUCTION**

* [Feature](http://172.24.212.56) [Extraction](http://www.google.com/url?q=http%3A%2F%2F172.24.212.56&sa=D&sntz=1&usg=AFQjCNHqBIp5jnxFCWzz2SOQe00R1zKXJg) [Tool](http://172.24.212.56)

# **NOTES**

* **Limitations**

1. Every time need to maintain database and feature list of code.
2. Extract only one feature and format files at a time.