



BlueSpice  
MediaWiki

## BlueSpice 2.27.2 - Installation local test system without installer



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# 1. Installation of a local test system without installer

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## BlueSpice free local testing

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This document describes the steps for the installation of MediaWiki 1.27.3 and BlueSpice 2.27.2 (or 2.27.1) without installer **on your local Windows computer**. This allows you to take a look at the system and test the features.

For the Installation of a productive system please follow the general [installation manual](#).

## Introduction

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BlueSpice is a wiki software.

BlueSpice is used worldwide as a platform for collaborative knowledge management, as a knowledge base in customer support and as an uncomplicated tool for documentation and handbooks.

BlueSpice is mostly used as:

- a central company wiki,
- a technical documentation platform,
- a quality handbook,
- knowledge management platform,
- documentation tool for research and development.

Add user-friendly extensions to MediaWiki and make your administrators' lives easier.

## Step one: Install XAMPP

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To install MediaWiki and BlueSpice you need:

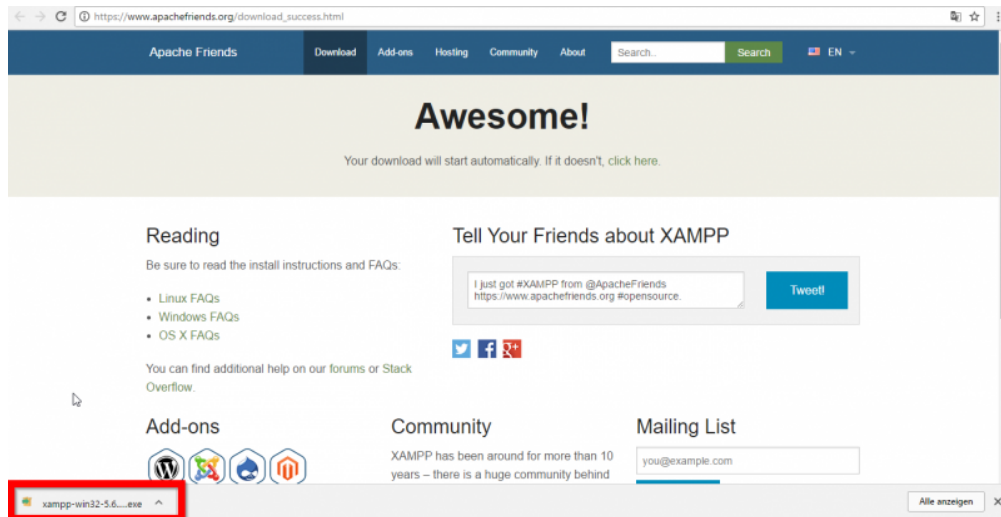
- a web server,
- PHP,
- MySQL.

XAMPP contains all three.

Please note that XAMPP should only be used for testing.

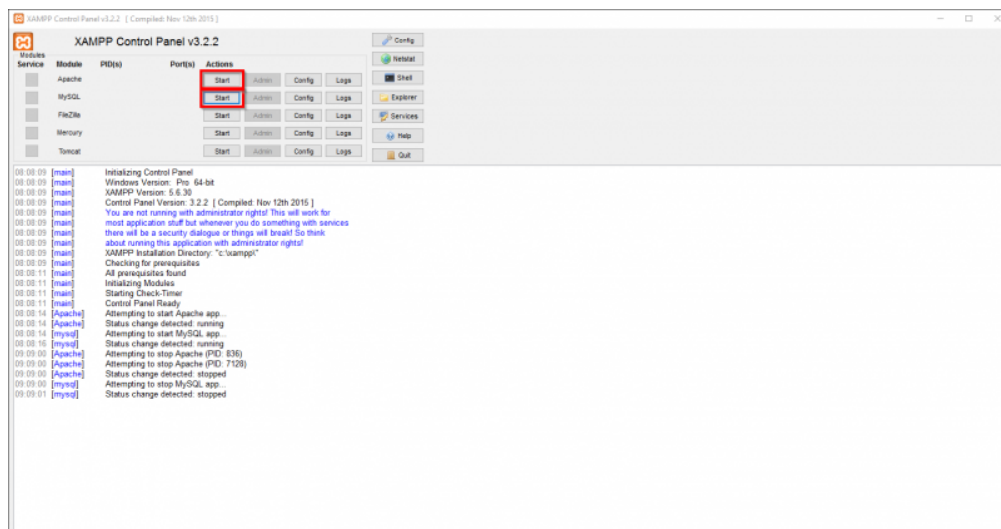
To download and install XAMPP click [here](#).

The download will in the Chrome browser appear as small notification in the left corner at the end of the page. When download is finish you will get a notification in the corner, marked red as on this image:

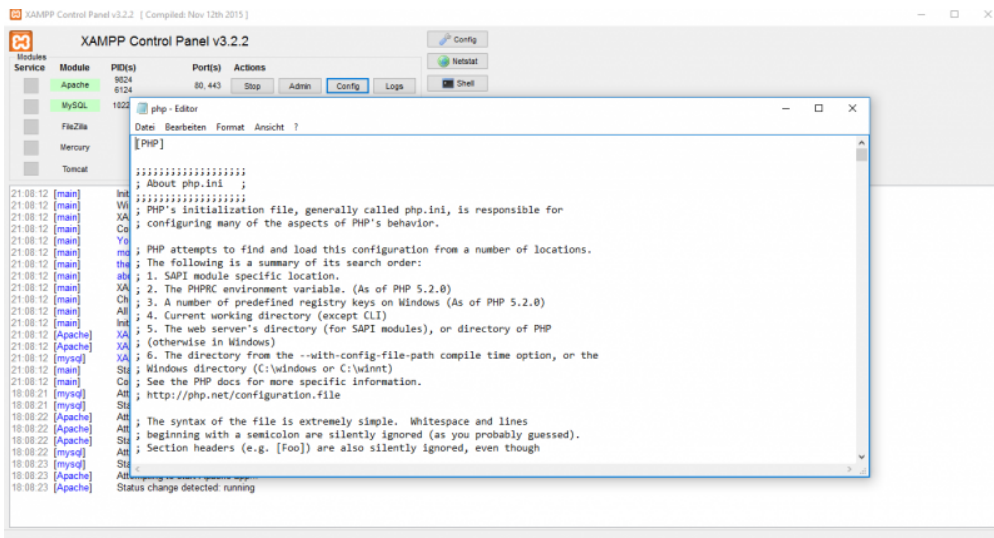


Some browsers will ask you, where you want to save the download. In the case of Google Chrome you find the downloaded file in: **C:\Users\Downloads**.

When you install XAMPP, you should start **Apache** and **MySQL** so that they appear green like in this image:

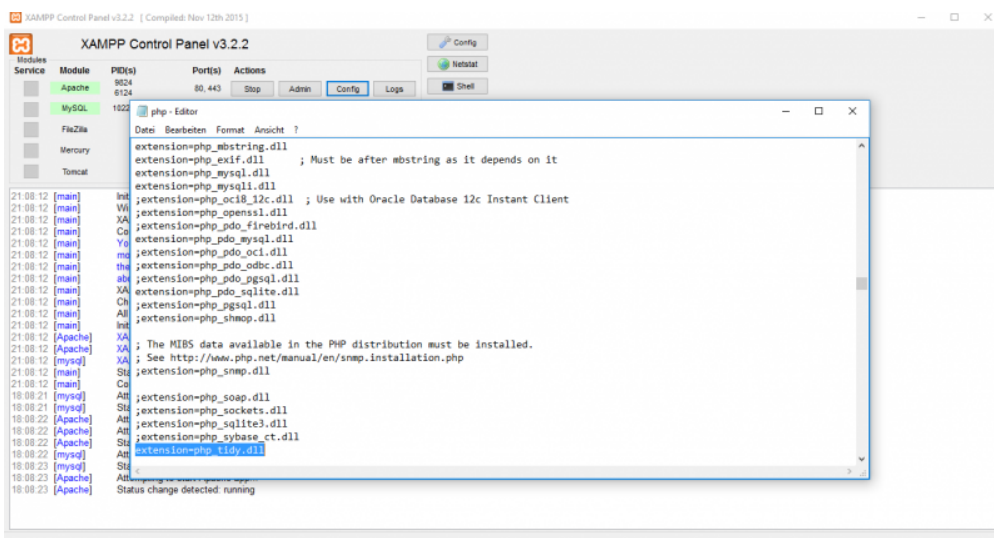


In XAMPP click the button **Config** for **Apache**. Click on **PHP(phi.ini)**. You should get:

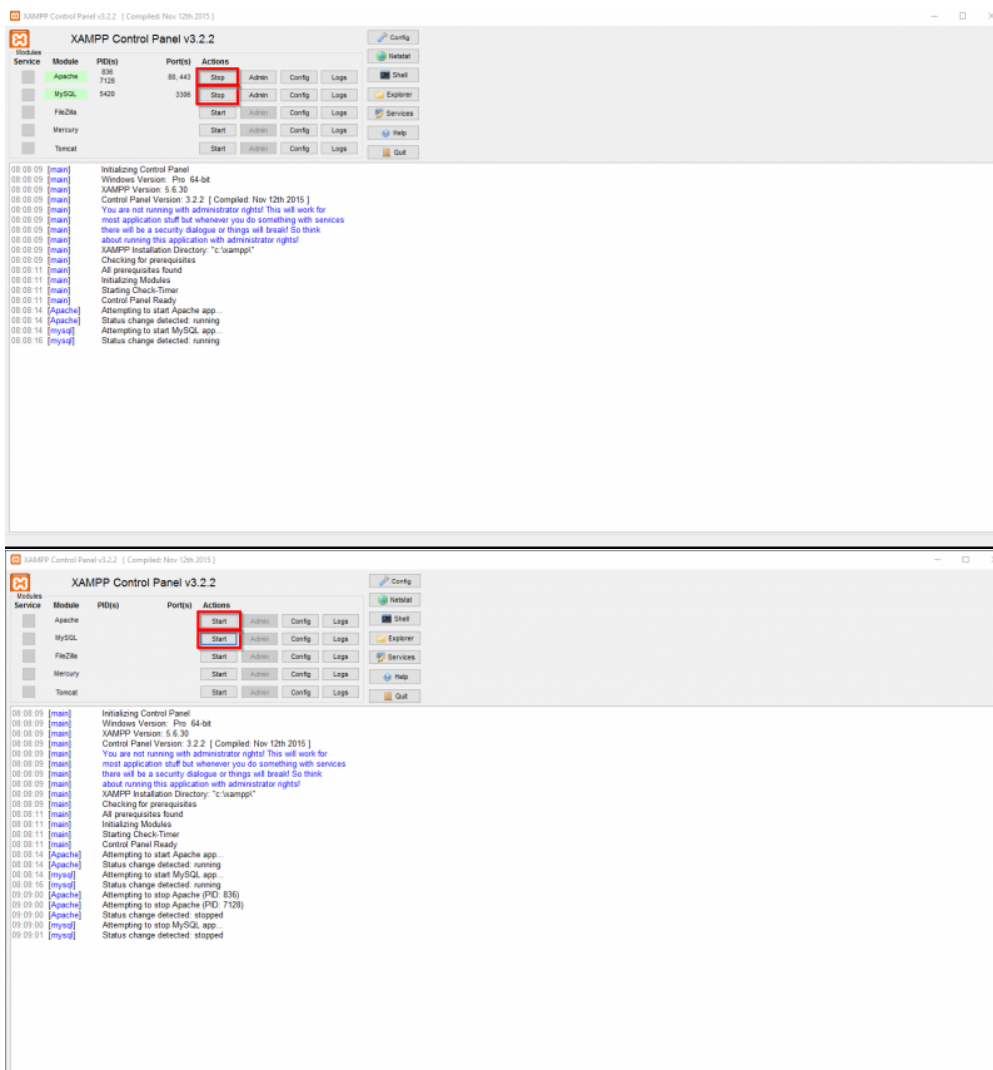


Look for **tidy.dll** (open the search with Ctrl+F) and delete the semicolon ( ; ) at the beginning of the line ; extension=php\_tidy.dll.  
Save with **CTRL+S**

It should look like this:



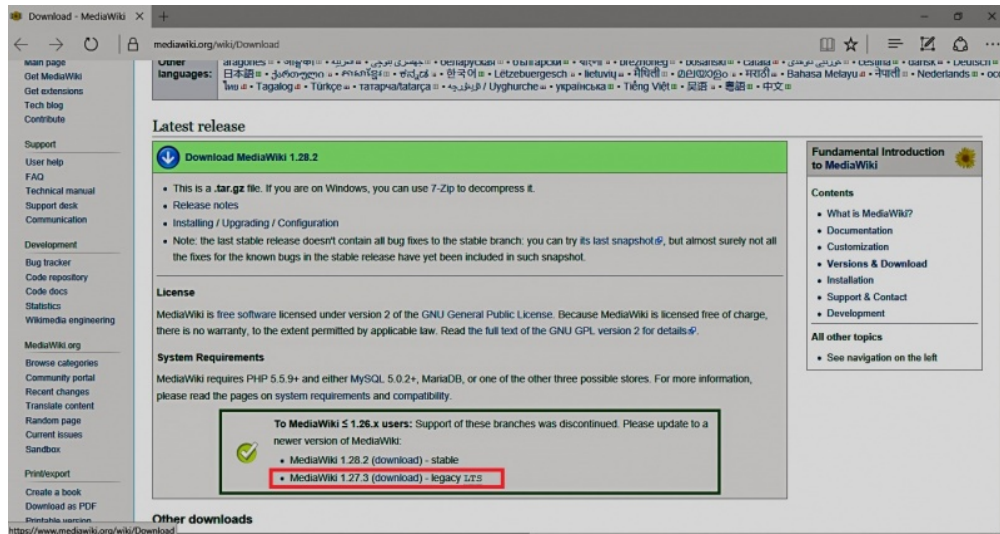
After this **stop** and **start** your xampp again:



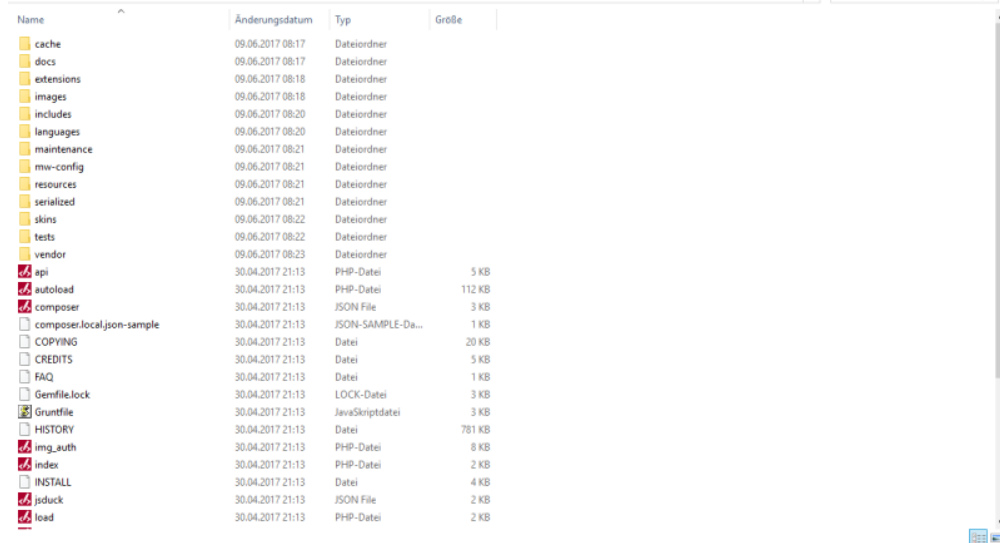
## Step two: Install MediaWiki

Now, when we have XAMPP, download MediaWiki [here](#).

Please pay attention which version you will download. We need MediaWiki 1.27.3, as you see red marked on image below.



To unzip file use: **7-zip**, **winzip**, **izarc**. When you open the unzipped file it should look like this:



Create a new folder in **C:\xampp\htdocs**. You can choose a name you like, but it should contain only letters, numbers, underscore or dash. Name of this folder will be referred to as **{name}** in later text. Copy the files from unzipped folder (seen on the image above) to this newly created folder.

In some cases you might be asked: Do you want to merge? Answer **Yes**.

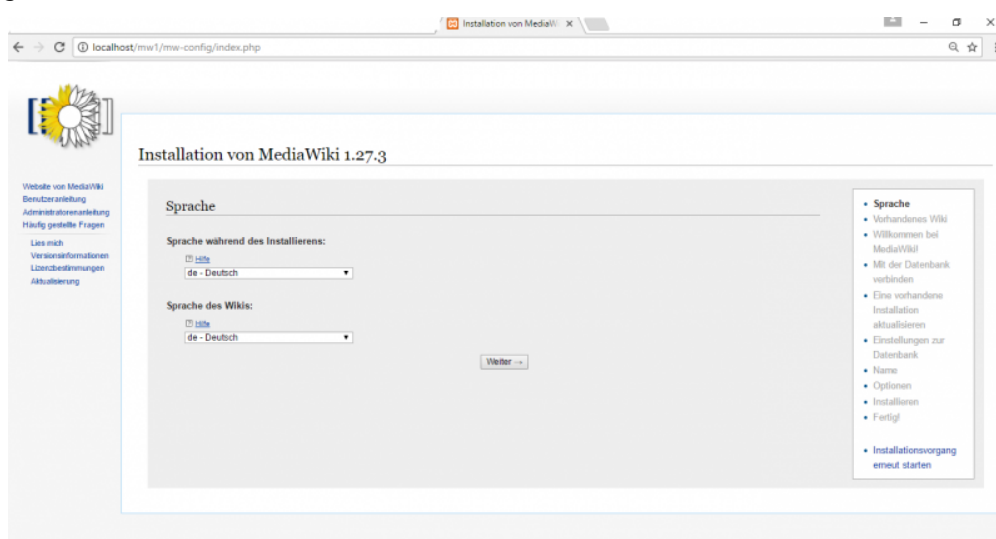
To check if all is ok, type in the browser: **http://localhost/{name}**

You should get:



Continue by clicking **complete the installation.**

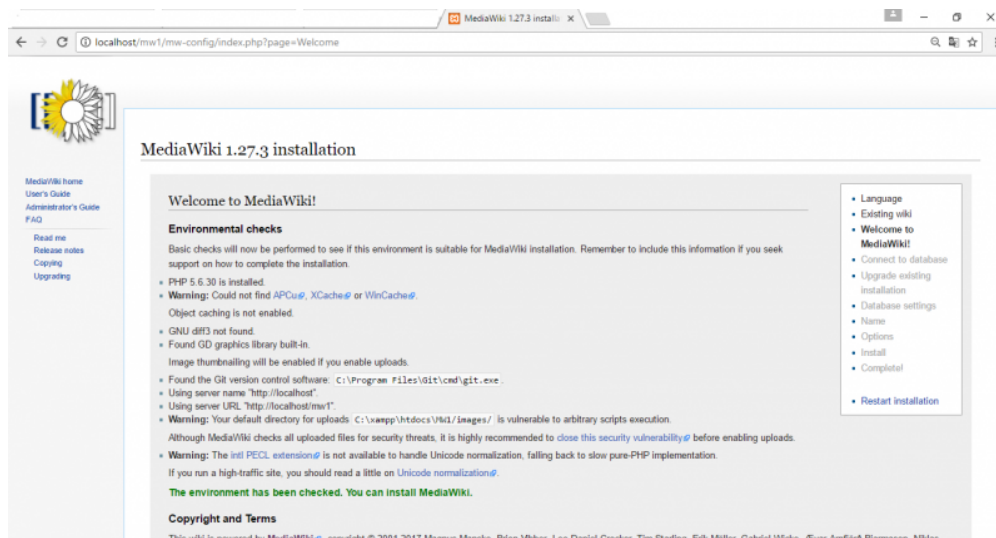
You should get:



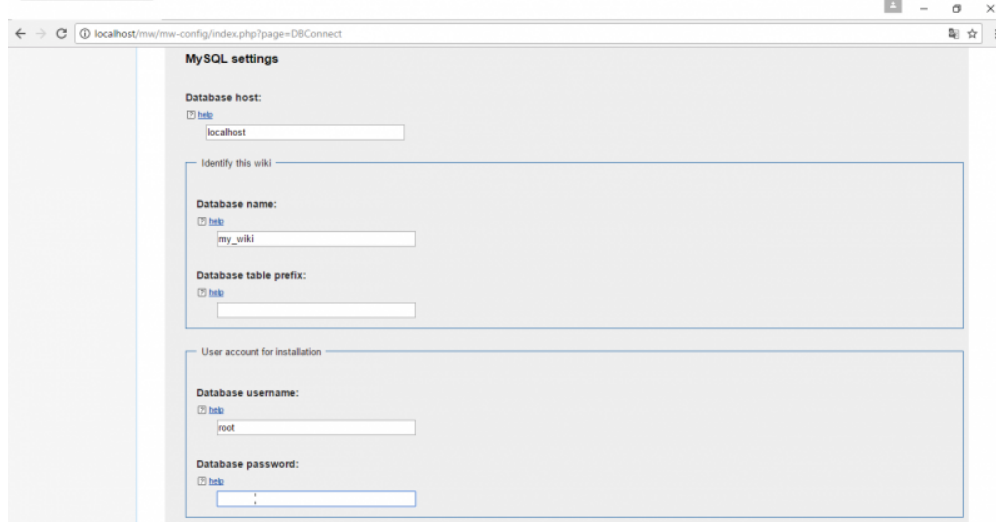
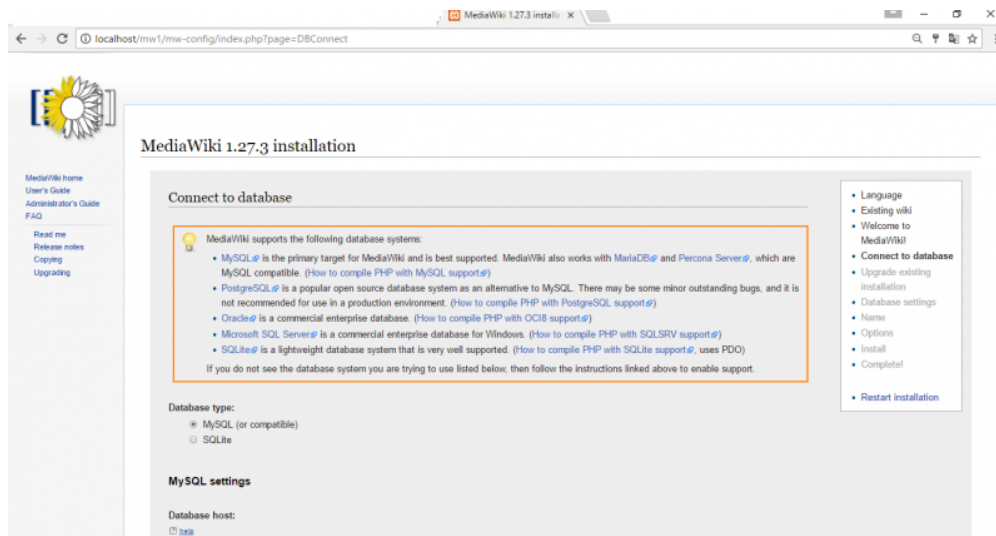
Select a **language** and click **Continue.**



You should get:



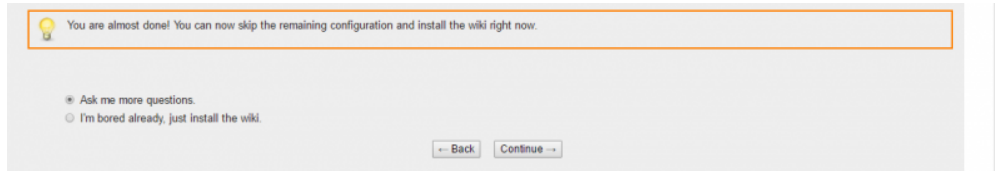
You can see a green marked **The environment has been checked. You can install MediaWiki.** Click on **Continue** and you should get:



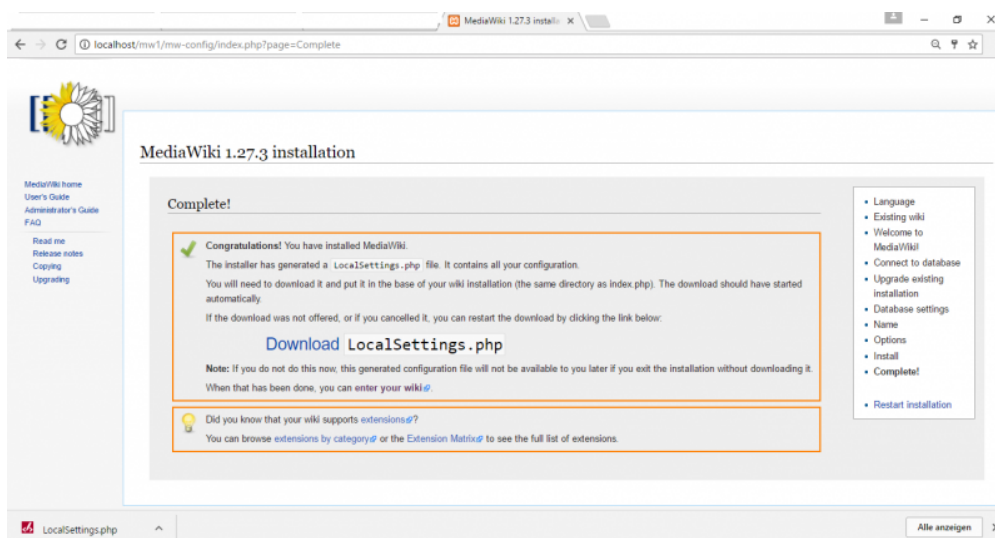
Change only **Database name**. I put my name, you can put anything you want (small letters and numbers, without space). Don't use a password - a password is already there by default - and click again **Continue**.

In the next step insert the **name of the wiki, your username, password and e-mail address**.

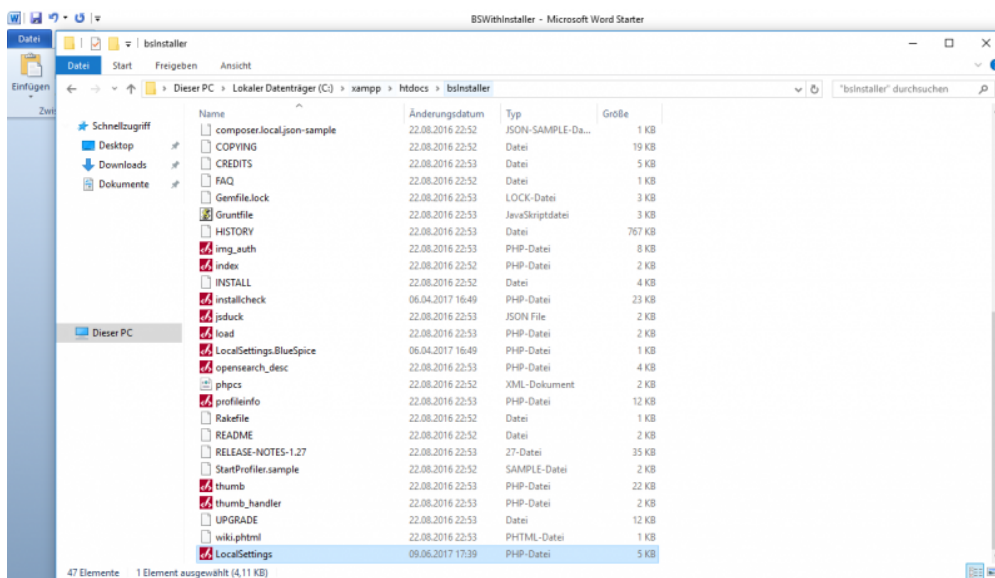
On the end you will be asked:



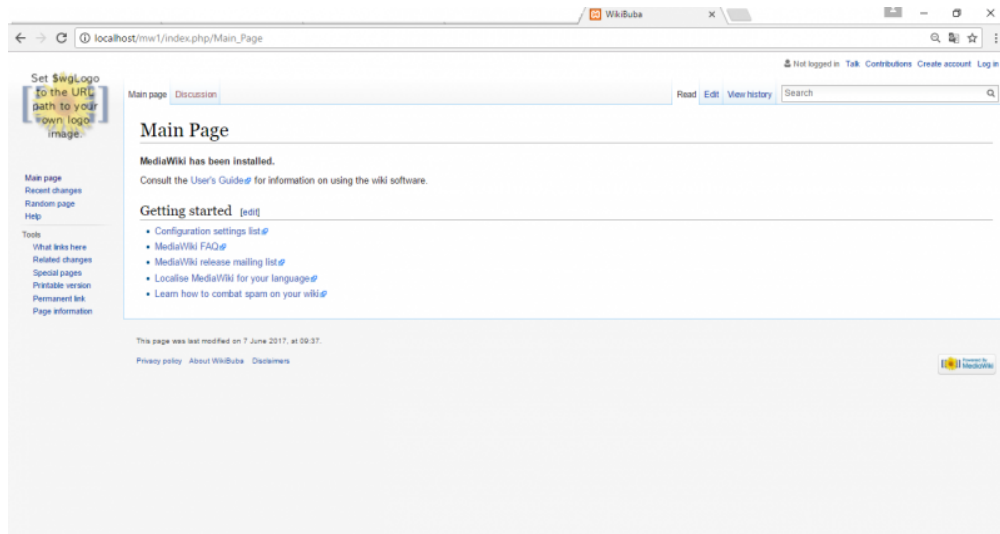
We will just install the wiki, mark the second and...click **Continue**.



**LocalSetings.php** will be downloaded. Copy it and add it to the folder **{name}**.



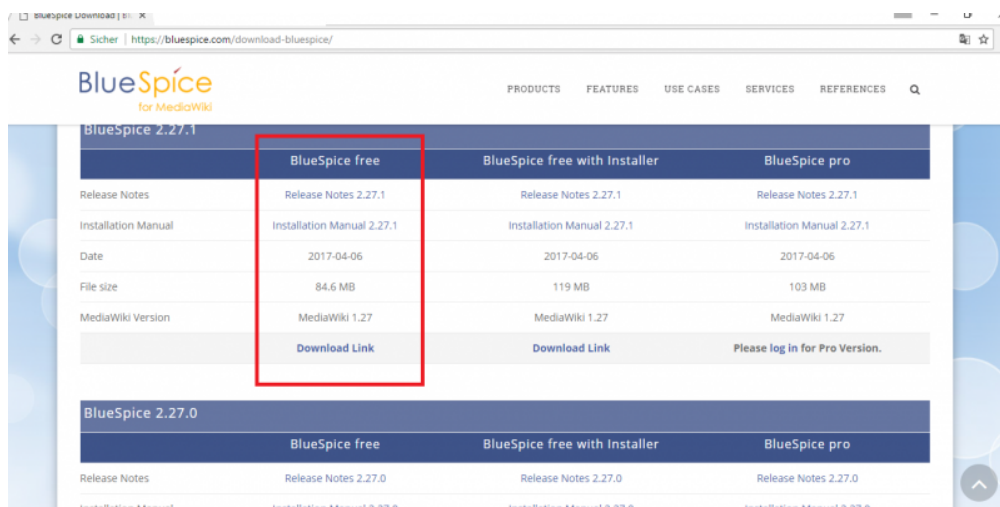
Open a new tab in your browser, type **http://localhost/{name}** and **Enter**.....you will get:



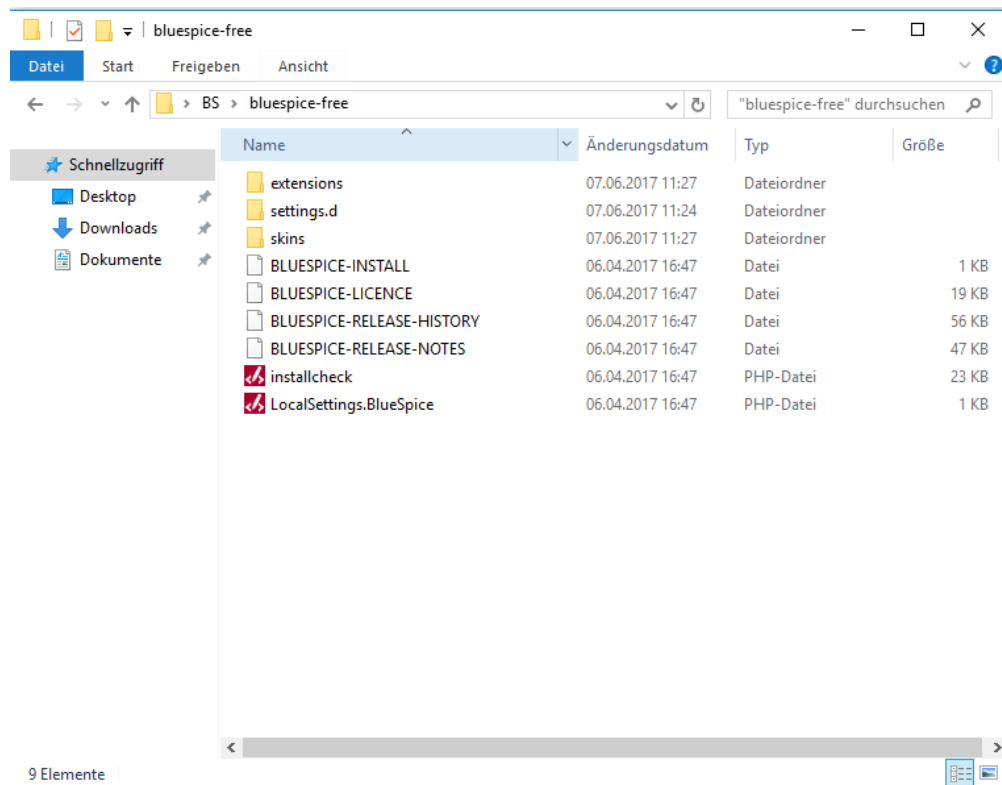
Now we have a MediaWiki.

## Step three: Install BlueSpice

Next step is to download BlueSpice from [here](#).



You should unzip this folder and you will now find these files:



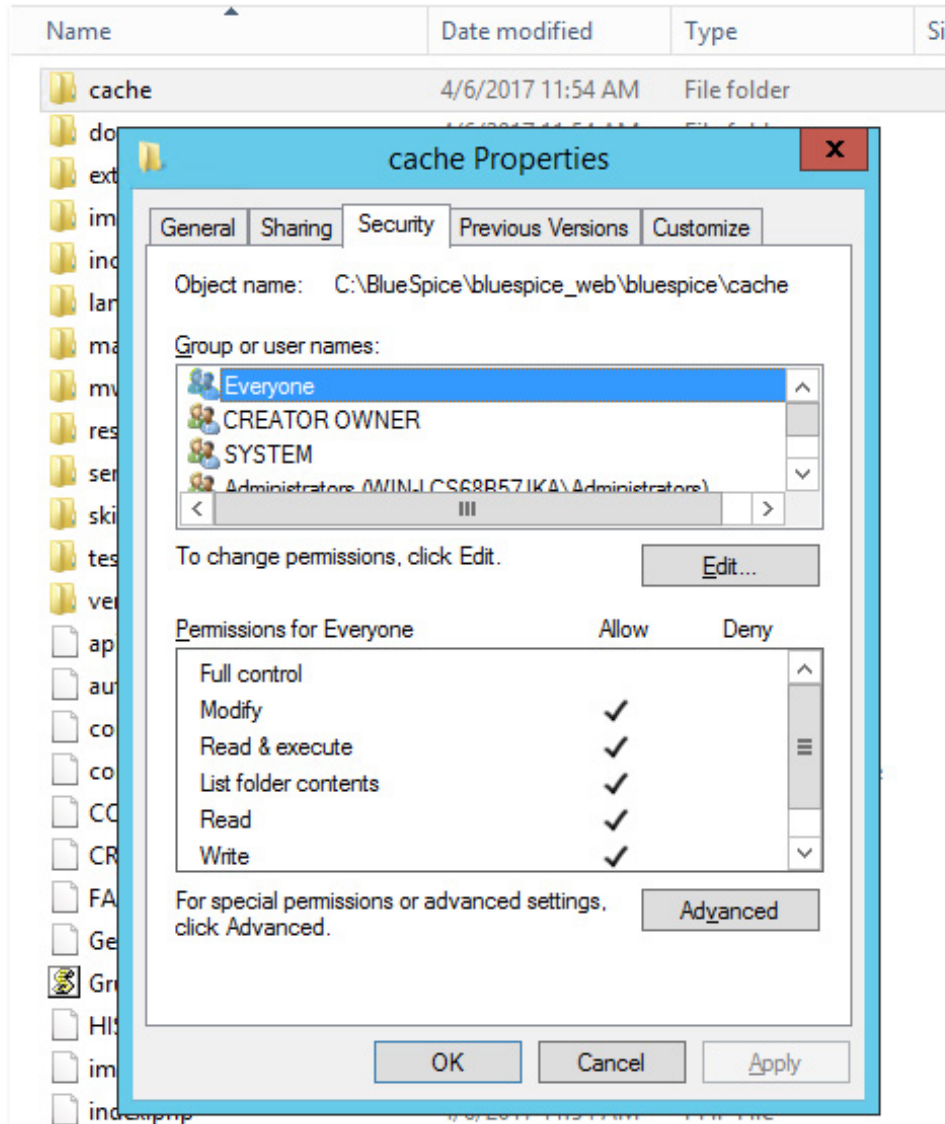
**Mark** all of them and **copy** them to **C:\xampp\htdocs\{name}**

In some cases you might be asked: Do you want to merge? Answer will be **Yes**.

In **C:\xampp\htdocs\{name}** you find the folder **extensions** in that folder is another folder **BlueSpiceFoundation**. Rename there **data.template** to **data**.

Repeat this for **config.template** and rename it to **config**

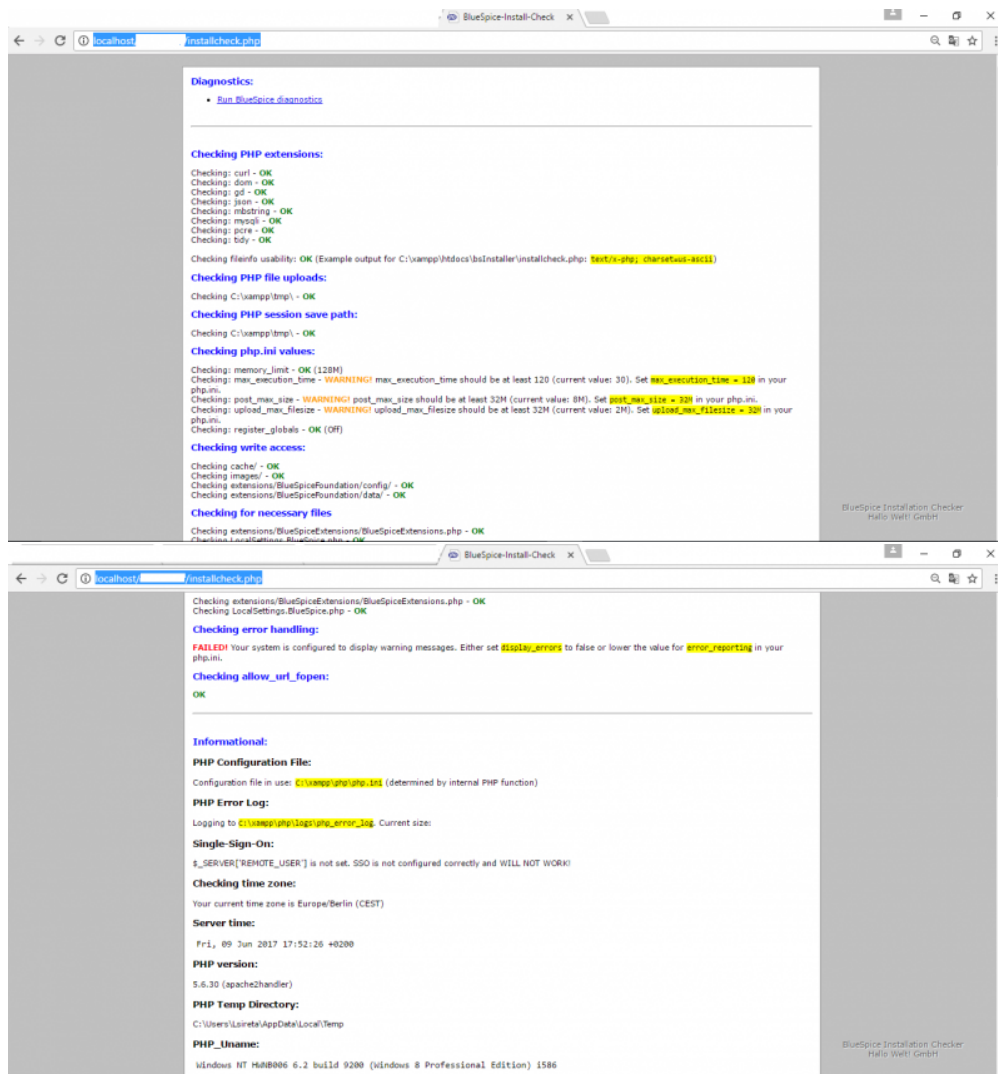
Look for the folder **cache** in your **{name}** folder, make a right click for Properties and Security. Check if **Everyone** have permissions like in the image below. If not, go to edit, add **Everyone** and OK.



Do the same for folder **images** .

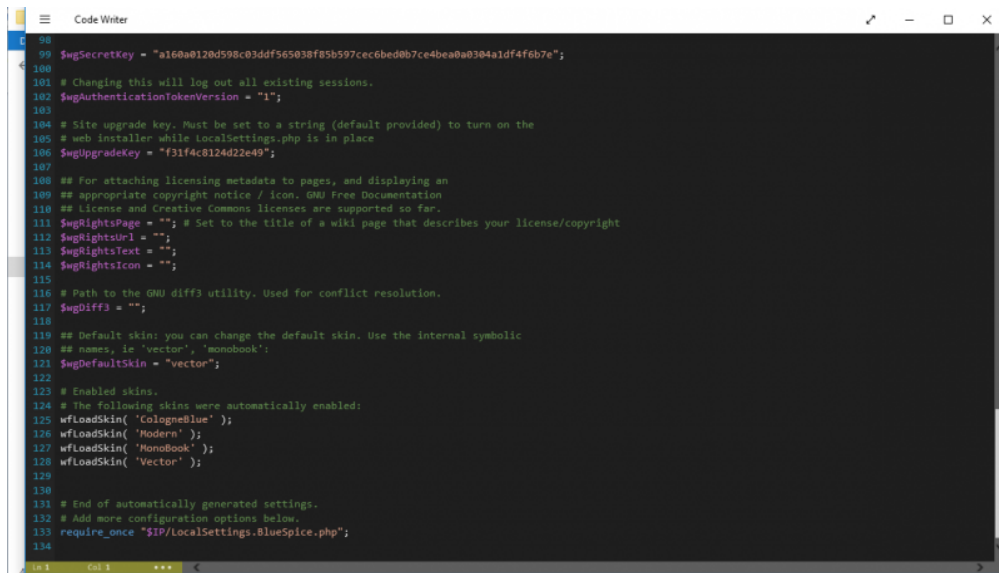
Open your browser and type: **http://localhost/name/installcheck.php**

You should get:



You should pay attention to red marked warnings, and fix them if there are any. The warning **Checking error handling** can be ignored.

Open **LocalSettings** in your **{name}** folder and type this command: **require\_once"\$IP/LocalSettings.BlueSpice.php";**



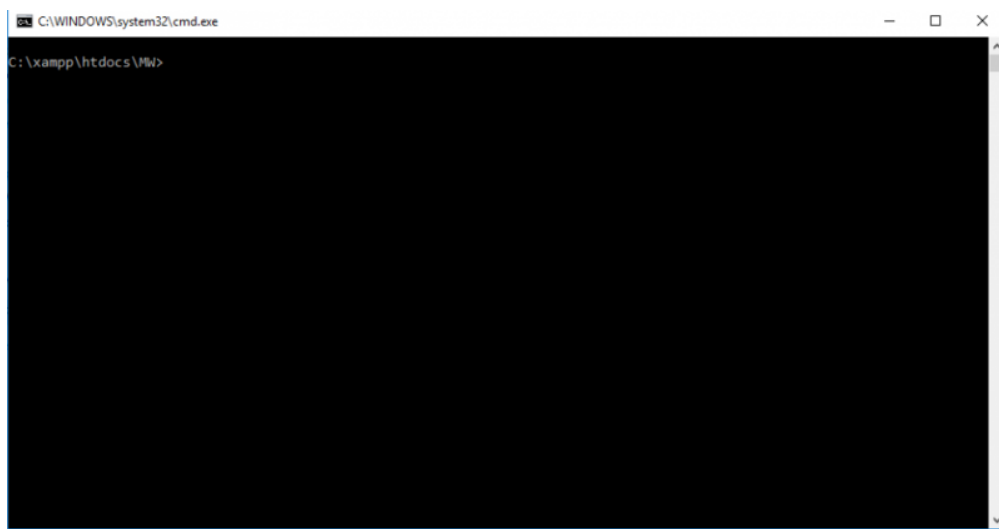
```
99 $wgSecretKey = "a168a0128d598c03ddf565038f85b597cecb0b7ce4bea0a0384a1df4f6b7e";
100
101 # Changing this will log out all existing sessions.
102 $wgAuthenticationTokenVersion = "1";
103
104 # Site upgrade key. Must be set to a string (default provided) to turn on the
105 # web installer while LocalSettings.php is in place
106 $wgUpgradeKey = "f31f4c8124d22e49";
107
108 ## For attaching licensing metadata to pages, and displaying an
109 ## appropriate copyright notice / icon. GNU Free Documentation
110 ## License and Creative Commons licenses are supported so far.
111 $wgRightsPage = ""; # Set to the title of a wiki page that describes your license/copyright
112 $wgRightsUrl = "";
113 $wgRightsText = "";
114 $wgRightsIcon = "";
115
116 # Path to the GNU diff3 utility. Used for conflict resolution.
117 $wgDiff3 = "";
118
119 ## Default skin: you can change the default skin. Use the internal symbolic
120 ## names, ie 'vector', 'monobook';
121 $wgDefaultSkin = "vector";
122
123 # Enabled skins.
124 # The following skins were automatically enabled:
125 wfLoadSkin( 'CologneBlue' );
126 wfLoadSkin( 'Modern' );
127 wfLoadSkin( 'MonoBook' );
128 wfLoadSkin( 'Vector' );
129
130
131 # End of automatically generated settings.
132 # Add more configuration options below.
133 require_once "$IP/LocalSettings.BlueSpice.php";
134
```

Close it with **Ctrl+S**.

Go to your **{name}** folder.

Do not mark something, just on the white side (on the right side): **Shift+right click** and click on **open command prompt here**.

You will get this:



```
C:\WINDOWS\system32\cmd.exe
C:\xampp\htdocs\MB>
```

Type here: **C:\xampp\php\php.exe maintenance\update.php** and **Enter**.

Wait until you get the message **done** as on the image below:

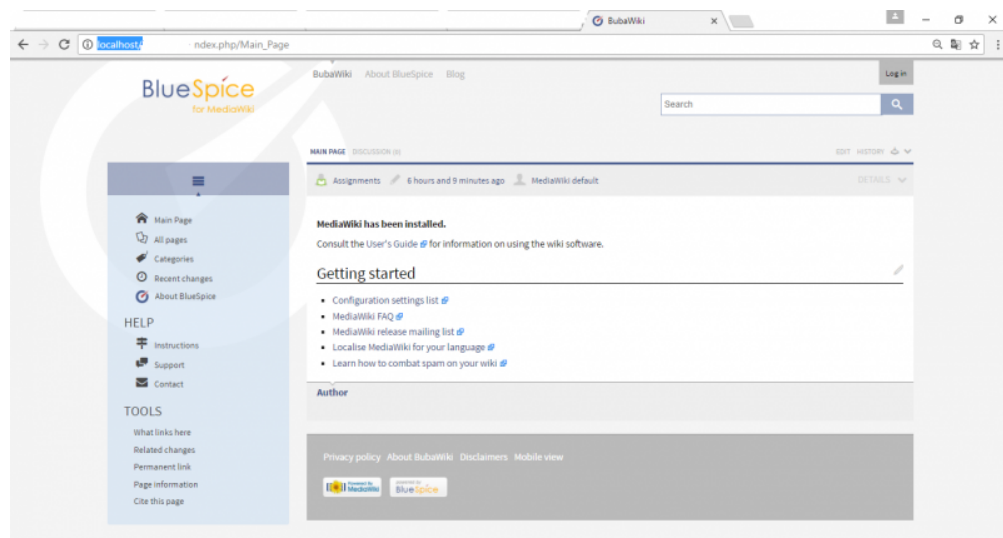
```

C:\xampp\htdocs\MediaWiki>
Creating bs_readers table...done
...have readers_ts field in bs_readers table.
...site_stats is populated...done
Checking existence of old default messages...done
Populating rev_len column
...doing rev_id from 1 to 200
Populating ar_len column
...archive table seems to be empty;
rev_len and ar_len population complete [0 revision rows, 0 archive rows].
Populating rev_shai column
...doing rev_id from 1 to 200
Populating ar_shai column
...archive table seems to be empty;
rev_shai and ar_shai population complete [0 revision rows, 0 archive rows].
Populating img_shai field
Done @ files in @.0 seconds
Linking protocol-relative entries in the externallinks table...
Done, @ rows updated.
Populating fa_shai field from fa_storage_key
Done @ files in @.0 seconds
Updating * from namespace fields in links tables.
...doing page_id from 1 to 200
Purging caches...done.
done in 4.9 s.
  
```

Close it.

Open browser and type: **http://localhost/{name}**

**Enter** and you will get:



You have successfully installed BlueSpice!