

# Cordova App project recommendation for deploying and services description

Hello! Here we will tell you about how to run this project. Notice that there are three folders:

- client
- server
- mobile

You can see the *www* files of a mobile app in *client* folder. Also there is *server* that needs to be put into xampp's *htdocs* directory. Follow these steps to make it work.

## Preparing server and usage without mobile

1. Open your Xampp's *htdocs* directory and unpack server.zip to it.
2. Start Xampp's Apache server and database.
3. Go to localhost/phpmyadmin.
4. Press import and choose the file *server/db/dump.sql*. Load it and execute.
5. Unpack client.zip into Xampp's *htdocs* directory too.
6. Go to the *client/js/index.js* file and:
  - a. Find HOST variable.
  - b. Find out your IP.
  - c. Change it to **localhost**.
  - d. Save the file. Make sure **HOST** variable looks like this:

```
HOST = "http://192.168.0.101:80/server/";
```

7. Open in your browser **localhost/client**. You can see the basic functionality.

## Usage with mobile

1. Unzip mobile.zip somewhere.
2. Open *mobile* directory.
3. Go to *www/js/index.js*.

4. Change **HOST** variable to the value with your IP. You and your device must be in one network. Look to the previous section 3.d. The variable should look like this.
5. Run *cordova build android* in the *mobile* folder.
6. Copy *platform/android/app/build/outputs/apk/debug/app-debug.apk* to your Android mobile device.
7. Install it. Change appropriate settings if it's not allowed to install applications from unknown source.
8. Hope you will have fun!

### Troubleshooting

- **Oops:** Cordova doesn't build my app.
- **Resolution:** Try running *cordova platform add android*. If it does not help, make sure you have configured ANDROID\_HOME properly. It must look like this:  
*C:\Users\mrexo\AppData\Local\Android\Sdk\*. If nothing helps, make sure you've installed sdk version 27.0.3 and agreed to licenses. If you can't do anything with it, try googling or write to me: [meexox@mail.ru](mailto:meexox@mail.ru) and show your console logs.
- **Oops:** Application doesn't do anything.
- **Resolution:** Make sure the xampp is running. Make sure you've loaded *db/dump.sql* file into phpmyadmin. Make sure that xampp's root's password is empty. Contact me and describe your problem if nothing helped.

## Services description

The application has 4 services:

1. Retrieving posts. *localhost/server/post.php?post\_id=N*
2. Retrieving comments. *localhost/server/comments.php?post\_id=N*
3. Publishing comments. *localhost/server/addcomment.php (json)*
4. Liking the posts. *localhost/server/like.php?post\_id=N*

Comment's json:

```
{  
    post_id,  
    text,  
}
```

These services are used to produce switching between posts (with binded comments), uploading new comments and liking posts.

All of them are using database for saving the state.