Installing Ianseo on MacOS with MAMP

Download & install the necessary software
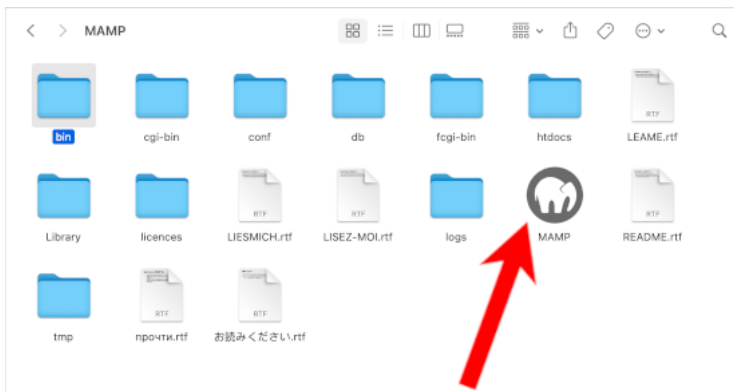

Installing MAMP

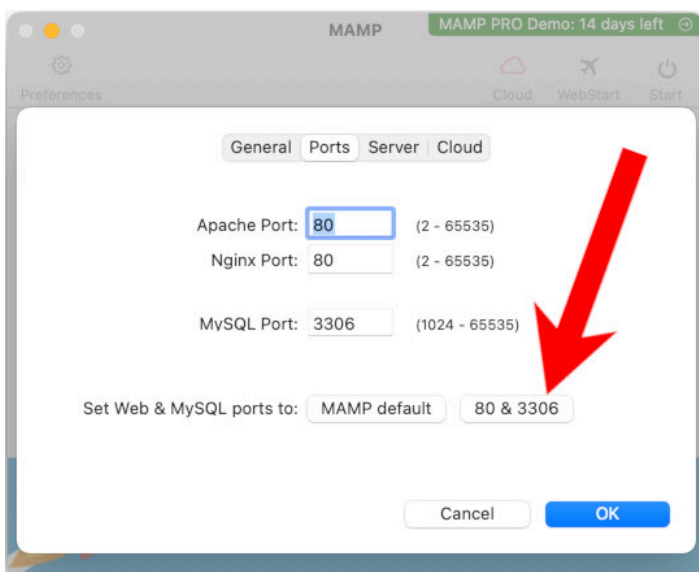Download MAMP from their site: https://www.mamp.info/en/downloads/

Choose the appropriate version if you're running an Intel processor or Apple Silicon.

Run the installation program. This will install MAMP and a demo version of MAMP Pro. Ianseo only needs the functionality in MAMP so you do not need to purchase MAMP Pro unless you want to.

After the installation, you will find a folder called MAMP in the Applications folder. Open this folder by double clicking on it and then start the MAMP application.

Most of the standard values are sufficient for Ianseo, but a couple of adjustments need to be done first. Choose **Preferences** and then the **Ports** tab. Click the button "*80 & 3306*" to set MAMP to the default ports for web and MySQL.

Installing Ianseo

To install the Ianseo software, download the installation files which can be found at https://www.ianseo.net/Releases.php in the zip file for Linux/Mac

Setting up the system

For the purpose of the guide Ianseo will be installed in its own folder, called **ianseo**.

1. Open folder "/Applications/MAMP/htdocs"
2. Create a folder inside it and name it "**ianseo**" (all lower case, without quotes)
3. Uncompress the contents of the downloaded zip file inside the **ianseo** folder
4. IMPORTANT: Open the folder "/Applications/MAMP/htdocs/ianseo/Common" and delete the file **config.inc.php** (if it exists) to allow the installation procedure to start.
5. Open a terminal window (Applications -> Utilities -> Terminal)
6. Go to the MAMP folder by type the command below, including a space between cd and /, and press Enter:

   cd /Applications/MAMP/htdocs
7. Type the following command and press Enter. You will be asked the password of your user: enter it but remember that nothing will be displayed while typing, not even *.
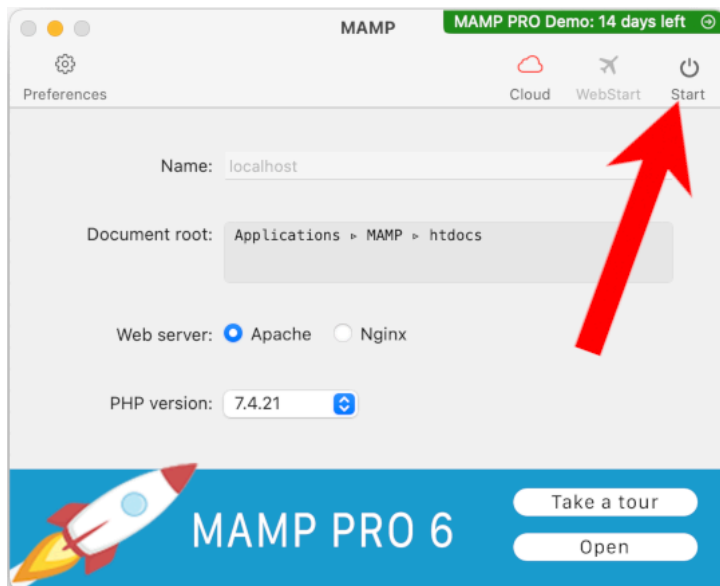
   sudo chown –R nobody:admin ianseo
8. Type the following command and press Enter (again it can ask for the password):

   sudo chmod –R 777 ianseo

Running Ianseo

Start the MAMP application and then press the Start button. This will start the Apache web server and the MySQL database. You may be prompted to enter your password; enter it to continue.

Once MAMP starts, your browser should automatically open to a Welcome to MAMP page showing the current version number.

To start Ianseo, enter the address http://localhost/ianseo in a new tab. You will first need to agree to the GPL3 License Agreement. Check the box and click on the **I AGREE** button. Once that is done, you should see a screen similar to the one below showing that the software is installed correctly. Click **Continue** to proceed.

PHP settings

php.ini file

Parameter	Optimal value	System value
PHP version	5.0	**7.4.21**
memory_limit	48M	**128M**
max_execution_time	120	**30**
post_max_size	16M	**8M**
upload_max_filesize	16M	**32M**

Loaded modules

Module	Required	Status
mysqli	installed	**installed**
curl	installed	**installed**
gd	installed	**installed**
mbstring	installed	**installed**
iconv	installed	**installed**

Although you php.ini file is not set with optimal values, IANSEO should perform correctly for most of its functionality. We strongly encourage you to set the parameters to the optimal value.

Continue

If this is a new installation, follow the onscreen instructions. WARNING: During installation, MAMP does not set the MySQL root password, so when the installer will ask for it, leave it blank. The other fields can be left with default values. Click the **Create user and database** button to proceed. Note: If the installation program displays an error message indicating that it could not connect to the database, enter "`root`" in the *ADMIN Password to create users and databases* fields and click the **Create user and database** button to try again.

Step 2: Database connection data

Parameter	Write server	Read server
Host	localhost	
Username	ianseo	
Password	ianseo	
Database name	ianseo	

Data can be written and read in two separate servers, provided the read server is a synchronous replica (slave) of the first. If in doubt leave the right column blank!

If user and database are to be created from scratch, you can provide the password of the ROOT user of the servers. **WARNING!!!** PASSWORDS WILL BE TRANSMITTED IN CLEAR TEXT OVER THE INTERNET SO IT MIGHT BE WISER TO CREATE THE USERS WITH OTHER TOOLS!!!

ADMIN Password to create users and databases		

Create user and database

Once the database information is configured, you should see the message below. Ianseo is now installed on your system.
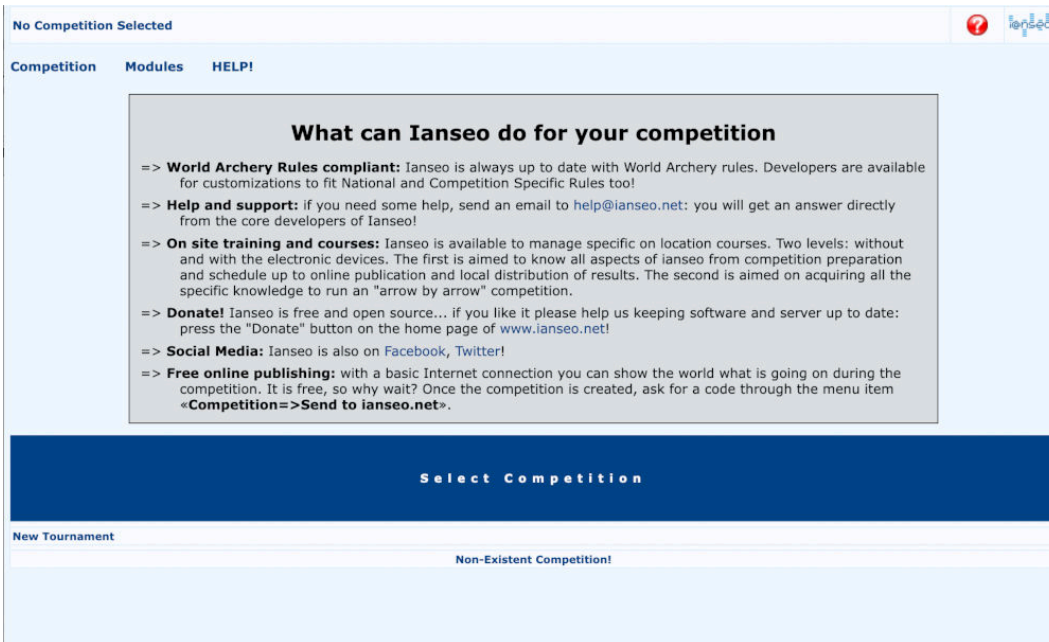
Step 3: Installation successfull

Congratulations! IANSEO should be fully installed. Remember to report any bug or malfunctions to help@ianseo.net!

Go to IANSEO!

Click on the link "**Go to IANSEO!**" to update your system to the latest version. This will automatically download the latest version of the software and update the language files. When this is finished you will see the message "*The upgrade process is finished.*". Click the button to continue.

You should now see the screen below. Ianseo is now fully installed and ready to be used!