

We needed an alternative for Travis CI for Windows.

While researching for different continuous integration tools, I found a Website that gathered a bunch of different continuous integration software in comparison.

Our main goals are:

- the software should be able to make msbuild for Windows
- it should be able to connect to GitHub and build automatically when a new push on the GitHub Repository comes up
- it should be able to build a Docker File (just like Travis CI)

On the said website there have been two tools, that could be possible candidates. Unfortunately it came out that these are not suitable:

- dockunit -> does not react on GitHub pushes
- concourse -> server down / bad documentation

I decided to test Jenkins and thanks to several plugins it is able to full fill all three requirements.

I tested it locally just to check up the msbuild and github plugin.

Unfortunately Jenkins only supports internal hosting.

So in the end our decision came to Appveyor, since it seems to be the most similar continuous integration Software to TravisCI which is also hosted externally.