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How to start Play! Framework 2.0 application as a Windows service

Jul 10th, 2012 at 22:13



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[Run a Play framework application as a Windows Service with YAJSW](#) kindly explains how to run a Play! 1.x applications as a Windows Service, but unfortunately it does not work for Play! 2.0 application.
I could not find the good solution for Play! 2.0 applications on the internet, so I note my solution.
Hope it would be someone's help.

1. Build your application for deploy.
2. Deploy your application by using [the stage task](#).

```
$ play clean compile stage
```
3. Download [‘Yet Another Java Service Wrapper’ \(YAJSW\)](#).
4. Unzip YAJSW to %app% (where %app% is the path to your application) and rename the directory to wrapper.
5. Create 2 directories: %app%\log (for log files) and %app%\temp (for temporary files).
6. Edit %app%\wrapper\conf\wrapper.conf.

Example (please change PATH_TO_YOUR_APP to %app%):

```
# Example YAJSW configuration to run Play! application as service
wrapper.working.dir=PATH_TO_YOUR_APP
wrapper.java.app.mainclass = play.core.server.NettyServer
wrapper.java.classpath.1 = ${wrapper.working.dir}/conf/*
wrapper.java.classpath.2 = ${wrapper.working.dir}/target/staged/*
wrapper.java.additional.1 = -Djava.io.tmpdir=temp
wrapper.logfile=${wrapper.working.dir}/logs/wrapper.log
wrapper.console.title = Play! service test
wrapper.ntservice.name = Play! service test
wrapper.ntservice.displayname = Play! service test
wrapper.ntservice.description = Running a Play! app as windows service
```

7. Execute %app%\wrapper\bat\runConsole.bat and confirm your application starts.
8. Install the service. Execute %app%\wrapper\bat\installService.bat. The new Play! service test service should be created.
9. Start the service via Service in Computer Management.

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2 Responses to “How to start Play! Framework 2.0 application as a Windows service”

1. **Maurice Betzel** says:
[2012/07/17 at 04:43](#)

There is a good possibility to run the PLAY! framew ork as w indow s service with JNA. I deployed several java implementations in this way on w indow s server 2008 SP2 successfully being monitored by PRTG (w hich has not interv ened in a period of 6 months until now). If we decide to use PLAY! in our web stack i w ill w rite an article about it and publish it here.

[Reply](#)

2. **Thomas Themel** says:
[2012/09/21 at 04:20](#)

Thanks, that w as exceedingly helpful! I w as already gearing up for a long struggle getting my application to run as a service with Apache procrun, but YAJSW is a joy to use, and w ith your example it w as a breeze to get going.

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