Subject: How to host a Skylark app?
Posted by lectus on Sat, 20 Jul 2013 02:37:48 GMT
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Does the server need to provide any kind of settings to run binaries?

Most servers I know provide support via PHP which is a scripting language.

What about a C++ web application. How does it work?

Subject: Re: How to host a Skylark app?
Posted by dolik.rce on Sat, 20 Jul 2013 14:32:14 GMT
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lectus wrote on Sat, 20 July 2013 04:37Does the server need to provide any kind of settings to run binaries?

Most servers I know provide support via PHP which is a scripting language.

What about a C++ web application. How does it work?
Hi lectus

The only thing you need is to be able to run your own application on the server. Unlike PHP or Python, which are interpreted languages and can be just uploaded to the hosting and run by some generic server (e.g. apache), Skylark app is a server in itself. So there are basically two requirements on the hosting:

1) It should have SSH access, so you can start the application
2) It must allow you to do some tasks that can be restricted such as starting your own applications or listening on a socket.

Also, you need to make sure that the server has same versions of libraries that you compiled your app against. The easiest (but not always possible) way to do that is to compile the application directly on the server that will run it. So a third point which is not really necessary, but helpful, would be:

3) Provides a C++ compiler

Most VPS (virtual private server) should give you just that. The price is usually not much different from regular hosting, but it requires little more know-how on your side to manage it. As of late, some not-really-VPS services emerge, which can be used for hosting Skylark apps. I experiment with openshift lately and it seems to be working just fine. Once I have the application up and running, I promise to share a detailed guide how it can be done

If you have some more specific questions, feel free to ask more I'm very interested in this topic myself

Best regards,
Honza

PS: I skipped the most obvious option: Running your own server. But judging by the question, I decided it is not really what you'd like to hear

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Subject: Re: How to host a Skylark app?
Posted by sergeynikitin on Sat, 20 Jul 2013 21:23:09 GMT
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I'm use RUNIT for binary fast restarting if problem occur.

RUNIT has very light config for user services.

(And yes, to start RUNIT and run your skylark app as service, you need superuser rights).

I've tested with XML-RPC command center. But with HTTP-service will be same.

Subject: Re: How to host a Skylark app?
Posted by lectus on Sun, 21 Jul 2013 02:15:49 GMT
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dolik.rce wrote on Sat, 20 July 2013 10:32...

PS: I skipped the most obvious option: Running your own server. But judging by the question, I decided it is not really what you'd like to hear

Thanks for your answer!

Yeah, running my own server is ok when building an intranet application. For example: providing Desktop and WEB versions of the same U++ application.

But my question was more for a website type of application which requires a dedicated hosting service.

Thanks for pointing out Openshift. I like their free plan for learning.
I look forward your tutorial on hosting Skylark app.

Subject: Re: How to host a Skylark app?
Posted by dolik.rce on Sun, 21 Jul 2013 14:48:54 GMT
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sergeynikitin wrote on Sat, 20 July 2013 23:23I'm use RUNIT for binary fast restarting if problem occur.

Yes, having a some kind of supervising process (a.k.a. watchdog) is a good thing. There is many options available: runit, daemontools, systemd, monit, supervisord and probably many others. Some hosting services provide some solution already, with others you can choose yourself.

Honza

Subject: Re: How to host a Skylark app?
Posted by sergeynikitin on Sun, 21 Jul 2013 16:38:52 GMT
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RunIt is tool, that may be install on system already have other system service supervisor.

Runit may work as second supervisor for application services only.

I recommend RunIt!
