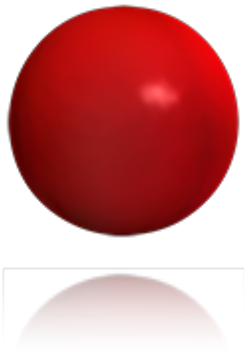




Lingon 3

by Peter Borg

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Introduction

Lingon is an app which can help you run things automatically. You can run scripts, commands etc. whenever something special happens, at a specific time or periodically.

When you create a new job you have to fill in these two values:

- “Name” (which must be a unique name, include e.g. your own name to be sure that it isn’t already used by the system)
- “What” which is what you want to run. “What” can be a command (it is often better to include the whole path to the command and you cannot use sudo - see the FAQ) or any script or app.

Lingon only works for the current user so you can’t e.g. run something for every user.

As long as you save the jobs in the default location (`-/Library/LaunchAgents`) they will automatically run after a restart of your Mac but if save it outside that location you have to open it again in Lingon and load it.



FAQ

what is it?

Lingon lets you run things automatically by modifying configuration files for the built-in system function called launchd.

requirements?

OS X Lion (10.7) or later

the name?

Lingon is the Swedish name for lingonberry and hence the icon

how do I stop a job?

The easiest way to just stop a job is just uncheck everything under “When” in the job and then just save it. If you want to permanently delete the job you can do it with “Delete Job” in the File menu.

why does it say that my file does not contain a valid job?

The file must first of all be a valid plist which you can check in Terminal with the plutil command. Then it needs at least a key for Label and either Program or ProgramArguments.

how to uninstall it?

Drag Lingon 3 to the trash, and you can find the preference file here: <your home folder>/Library/Preferences/com.peterborgapps.Lingon3.plist. You can see that folder in Finder by choosing Go to Folder in the Go menu and then write:

```
~/Library/Preferences/
```

can i run a job as root?

No, there is no way to run it as root by using Lingon. But what you can do is create a new but before you save it you choose “Copy Plist to Clipboard” in the Job menu and then press Cancel.

Then open Terminal and make sure that you are an administrator. Write:

```
sudo pico /Library/LaunchDaemons/<your chosen name>.plist
```

and then enter and then paste the contents from Lingon. Then press ctrl-x and choose to save it. Then you need to load it manually with this command:

```
sudo launchctl load /Library/LaunchDaemons/<your chosen name>.plist
```

what is launchd?

launchd is a system process which is included in all Macs which launches everything in the system. It uses plist files to allow configurations of what should be loaded and when it should run. Lingon writes such plist files and then launchd takes care of launching everything.

You can read more about it by writing any of these commands in Terminal:

```
man launchd.plist
```

```
man launchctl
```

```
man launchd
```



Troubleshooting

If that doesn't help you can try to move aside (e.g. move temporarily to the desktop) the Lingon preference file so every setting will be reset to the default:

- `<your home folder>/Library/Preferences/com.peterborgapps.Lingon3.plist`

You can see that folder in Finder by choosing Go to Folder in the Go menu and then write:
`-/Library/Preferences/`

If nothing works you can try to download a fresh version of Lingon to make sure that the application hasn't been damaged in any way.