

# today's howtos and programming bits

By *Roy Schestowitz*

Created *16/11/2019 - 3:22am*

Submitted by Roy Schestowitz on Saturday 16th of November 2019 03:22:26 AM Filed under [Development](#) [1]

[HowTos](#) [2]

- [Red Hat IdM as an LDAP Identity Provider in OpenShift Container Platform 4](#) [3]

- [Tweet Directly from the Debian Command Line using Rainbow Stream](#) [4]

- [Creating an USB3 OTG cable for the Thinkpad 8](#) [5]

- [Embedded newlines without a clue](#) [6]

- [How to run a command with the Ansible shell module](#) [7]

- [How to add container management to Cockpit](#) [8]

-

[Learn ansible architecture and its terminology in details](#) [9]



[Catching Java exceptions in Swift via j2objc](#) [10]

It's possible to handle Java-originating exceptions in Swift for j2objc-based projects. Scroll to the end for example code.

It's getting more common to call j2objc-generated Objective-C code from Swift as iOS development shifts to this modern language. At a high level, we can imagine this means calling Java code from Swift. But Objective-C is an important link in this chain and it shapes the way Swift interacts with the code that started its life as Java.



[Long-term betting on dependencies](#) [11]

Thankfully, my bet on j2objc proved to be a good one. It's actively maintained by very helpful developers and works as expected. I've completed most of the risky work in porting the core of my app to iOS and any work I do on that core benefits the apps on both platforms.

There are very few compromises I have to make because language features in Java map surprisingly well to both Objective-C and Swift.

But one important exception remained. I'll cover that in a subsequent post.

[Development HowTos](#)

---

**Source URL:** <http://www.tuxmachines.org/node/130552>

**Links:**

[1] <http://www.tuxmachines.org/taxonomy/term/145>

[2] <http://www.tuxmachines.org/taxonomy/term/98>

[3] <http://adam.younglogic.com/2019/11/rhidm-idp-ocp4/>

[4] <https://vitux.com/tweet-directly-from-the-debian-command-line-using-rainbow-stream/>

[5] <https://hansdegoede.livejournal.com/23256.html>

[6] <https://www.datafix.com.au/BASHing/2019-11-15.html>

[7] <https://www.techrepublic.com/article/how-to-run-a-command-with-the-ansible-shell-module/>

[8] <https://www.techrepublic.com/article/how-to-add-container-management-to-cockpit/>

[9] <https://linuxdady.com/learn-ansible-architecture-and-its-terminology-in-details/>

[10] <https://j2objc.blogspot.com/2019/11/catching-java-exceptions-in-swift-via.html>

[11] <https://treitter.livejournal.com/16130.html>