

Scala development up and running with giter8

José Miguel Martínez Carrasco

Springer

September 14, 2012

1 Introduction

Motivation

2 Setup

requisites
sbt
giter8
conscript

3 Usage

templates
publish

4 References



context New technology, new tools, too many options.
target Simple and working solution.



1 Introduction

Motivation

2 Setup

requisites
sbt
giter8
conscript

3 Usage

templates
publish

4 References



Everything under \$HOME/bin!!!



- git
- github account
- unix



1

```
#!/bin/sh
```

2

```
java -Xmx1024M -jar 'dirname  
$0' /sbt-latest/sbt-launch.jar "$@"
```

[1]



Giter8 is a command line tool to generate files and directories from templates published on github. It's implemented in Scala and runs through the Simple Build Tool launcher, but it can produce output for any purpose. [2]



Conscript is a tool for installing and updating Scala software programs. [3]

```
1 curl https://raw.githubusercontent.com/n8han/conscript/master/ \\  
2   setup.sh | sh  
3  
4 cs n8han/giter8
```



1 Introduction

Motivation

2 Setup

- requisites
- sbt
- giter8
- conscript

3 Usage

- templates
- publish

4 References



Any github repository with g8 suffix.

1 `g8 softprops/unfiltered`



Publish your template as *yourtemplate.g8* to github and update giter8 wiki [4].



1 Introduction

Motivation

2 Setup

- requisites
- sbt
- giter8
- conscript

3 Usage

- templates
- publish

4 References





<http://www.scala-sbt.org>



<https://github.com/n8han/giter8>



<https://github.com/n8han/conscript>



<https://github.com/n8han/giter8/wiki/giter8-templates>



1 Introduction

Motivation

2 Setup

- requisites
- sbt
- giter8
- conscript

3 Usage

- templates
- publish

4 References

