Users Guide

SNAPcompiler

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351 Electronics Blvd. SW // Huntsville, AL 35824 // (877) 982-7888 // synapsewireless.com

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SNAPcompiler is a tool for compiling SNAPpy source code into a form which can be loaded on a **SNAP** node.

CHAPTER

ONE

RELEASE NOTES

CHAPTER

TWO

INSTALLATION

The binary name for **SNAPcompiler** is *spyc*.

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Precompiled binaries of **SNAPcompiler** are available for the following platforms:

Resource	Description	MD5
SNAPcompiler (Linux/aarch64)	SNAPcompiler for Linux aarch64 (e.g. RPi4)	2cbb725e9eccac821a0ba652e87e90
SNAPcompiler (Linux/armhf)	SNAPcompiler for Linux on armhf (e.g. E12, E20)	3a7176bb8bdd781bc2441ffc94e783a
SNAPcompiler (Linux/x64)	SNAPcompiler for Linux x64	d5c2bef9e20fc55a8301f2bbaa13400
SNAPcompiler (macOS/arm64)	SNAPcompiler for macOS (Apple Silicon, unsigned)	42124a716fb1522fb102eca8fb3cdfeb
SNAPcompiler (macOS/x64)	SNAPcompiler for macOS x64 (unsigned)	88ca727ca9a4ecf25d6b1503beb4d8
SNAPcompiler (Win/x64)	SNAPcompiler for Windows x64 (64-bit)	8435899bb65332924beda3e670de7
SNAPcompiler (Win/x86)	SNAPcompiler for Windows x86 (32-bit)	f16af26f3091fe348dbb44096e92d7c

Extract the archive and place the *spyc* executable in your path. You may need to *chmod a+x spyc* after extracting.

There is also a utility included to dump the details of a SPY file: *spyspy*.

CHAPTER

THREE

QUICK START

```
$ spyc my_script.py
```

By default the output will be named the same as your top-level script, in this case *my_script.spy*. **SNAPcompiler** will also output the script CRC and size.

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