
SmartHomeBuddy

Release 0.1.0

Johannes Jesträm, Tobias Becher

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SmartHomeBuddy

SmartHomeBuddy is a desktop application that allows you to identify smart home devices in your home network. It is extensible with custom Machine Learning models for classification and provides countermeasures to secure your home. It aims to be a simple and intuitive application, while also offering an infrastructure for interested contributors to enhance its functionality to identify, analyze and protect home networks.

- Current version: 0.1.0 ([download from GitHub](#), [release notes](#))
- [Source \(GitHub\)](#)

GET STARTED

1.1 GUI

Select the correct binary for your system from [GitHub](#) and install it. You should then be able to start the application.

1.2 CLI

The command line interface `shbdeviceidentifier` requires Python 3.8 or higher. You can start by installing the application by running the following command from the main directory of the repository:

```
cd device-identifier
```

```
pip install -r requirements.txt
```

And for example:

shbdeviceidentifier start

The result should look something like this:

[illegible]

A list of available commands can be found by running the following command:

```
shbdeviceidentifier --help
```

DOCUMENTATION

2.1 User's guide

2.1.1 Introduction

2.2 Release notes

2.2.1 What's new in SmartHomeBuddy 0.1.0

Jul 13, 2022

General changes

We are pleased to announce the release of SmartHomeBuddy 0.1.0, which marks the first release of the SmartHomeBuddy project. This release is just a simple proof of concept.

shbdeviceidentifier

The *shbdeviceidentifier* package is a Python module that can be used to identify smart home devices from a packet capture. In its current form, it only implements basic functionality such as reading data, converting capture files to pandas DataFrames, and a rudimentary Identification of devices.

electron-app

The *electron-app* is a stand-alone Electron application for Windows and Linux (MacOS is planned for future full releases).

2.3 device-identifier

2.3.1 smarthomebuddy package

Submodules

smarthomebuddy.main module

smarthomebuddy.main.main()

Module contents

DISCUSSION AND SUPPORT

You can report bugs on the [GitHub issue tracker](#).

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