

RPI Build Status Plugin

Plugin Information

View Raspberry Pi Build Status [on the plugin site](#) for more information.

Allows users to display build status on a Raspberry Pi via a multi-colour LED [LedBorg](#)

Description

This project is for a Jenkins plugin to control the [LedBorg](#) module for the Raspberry Pi. It uses the [pi4j](#) / [wiringpi](#) libraries to drive the GPIO pins.

Features

- Reflect all build states using an LED display attached to the GPIO pins
- Custom colour to state mapping

Potential upcoming features

- Custom GPIO pin to result mapping
- Support for other SBC's supported by the pi4j library

Requirements

Jenkins version 1.658 or newer is required.

Special Requirements

I have found various issues with the GPIO pins being addressable. These have been isolated down to which interfaces are enabled on the RPI. The minimum set appears to be:

- SPI
- I2C
- 1-Wire

If you are having problems, make sure these are enabled (Preferences -> Raspberry Pi Configuration)

This is correct as of raspbian_jessie_all_rpi_2017.01.11

Setup

To configure Jenkins for the RPI, see the following [README](#)

Version history

Version 0.4 (27-Feb-17)

- First generally available release