

Assignment Az

Title: Study of different operating systems for Raepberry-Pif Beagle Board.

Broblem Statement: Study of different operating systems for Rhspboory-Pil Beagle Board.
Understanding the process of 0s installation on Raspborry-Pil Beagle Board.

Learning Objectives:

(1) To understand the different operating system for raspherry. Pi/ Beagle Board

(10 To understand the process of installation on raspberry Pi

Software and Hardware Requirements: Rasplerry-Pil Beagle Board,

PC with configuration as Latest version of 64 bit 05, Open source Fedora-aHz, 8 aBRA 500 aB 400, 15' Color Monitor, Keyboard, Mouse

Theory:

ifferent operating systems for Raspberry-Pi:

Rasbijan

- Ubuntu MATE
- Snappy Uhuntu Pidora
- Unutop
- SARPI
- Arch Linux RAM
- Gentro Linux
- Free BSD

Rasplian: Installing Rasplian on the Rasplevoy Pr is fretty straightforward.
We'll be downloading Rasplian and writing
the disc image to a microso cord, then booting
the Rasplvery P1 to that microso cord.

We will need a microso cord (go with at least see a computer with a slot for it, and of course, a Raspbury Pi and basic peripherals

The Rosphian disc image is compressed, so will need to unzip it.

The file uses the ZIP64 format, so depending on how current your built in utilities are, you need to use curtain programs to unsip it.

Simux users will use the appropriately mamed Unsep.

Write the disc image to your microsp card.

Then pop your microso card into your computer and write the disc image to it. You'll need a specific program to do this.

The process of actually writing the image will be slightly different across these programs, but it's pretty self explanatory

Then put the microso card in your Pi and boot up. Once the disc image has been written on the microso, whose ready to go. But that sucker into your Raspberry. Pi, plug in the peripherals and power source



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T	ifferent operating systems for Beagle Board:
F	mux based.
_v	Indroid
	ngstrom
-	Jevian
N	1000
V	edora.
n	Arch Linux
00	uildroot
X	unior
-	abayon
u	buntu
y	octo
0	ther/Non-Linux;
1	MINIX 3
1	Lindows Embedded lompact 7
	lindows CE 6.0
1	lindows Embedded lompact 2013.
lit	nclusion: Different operating systems for
	nclusion: Different operating systems for Raspberry Pi / Beagle Board Lvere studied.
	No.