analyse top demo

on the beagleboneblack

Abstract

About this Document

The documentation is written in reStructuredText and converted into a pdf document. Some parts of this document are created automatically out of the results from a tbot run.

This document is generated for the beagleboneblack

Introduction

This document is a demo only for showing the results of the testcase src/tc/linux/tc_linux_top.py running on the beagleboneblack board

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Linux demo top output

Prerequiste

login to beagleboneblack and make traffic and start tbot_bbb_top.sh in another shell

For this pdf I start memtester on the beagleboneblack to have some traffic ...

tbot_bbb_top.sh starts the tbot testcase, which logs into the serial console on the board, and starts the linux top command.

Analyses the output from it and writes the results in a file, which gnuplot understands. Now gnuplot is started and creates resulting images. This images are used for this short demo.
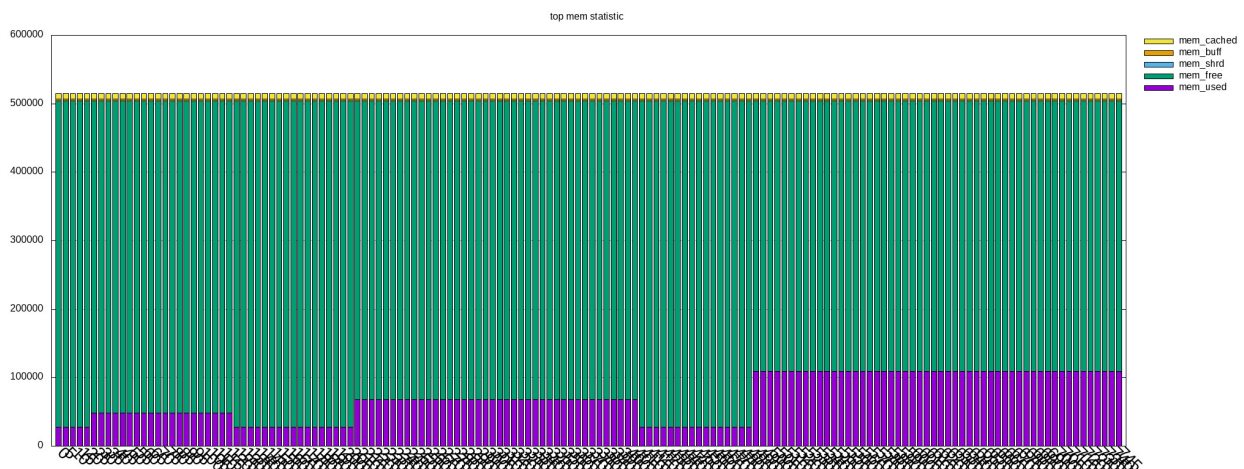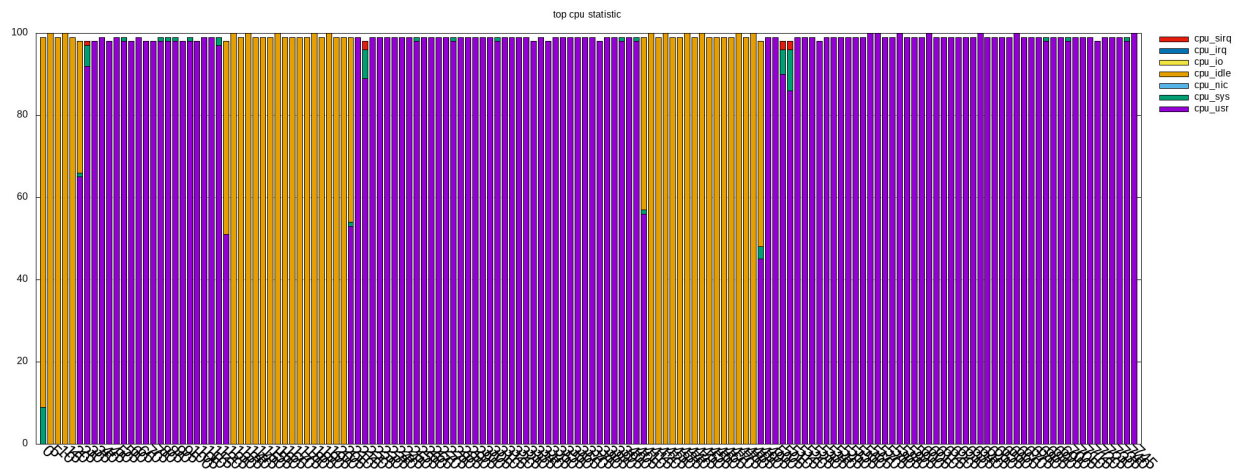
Results

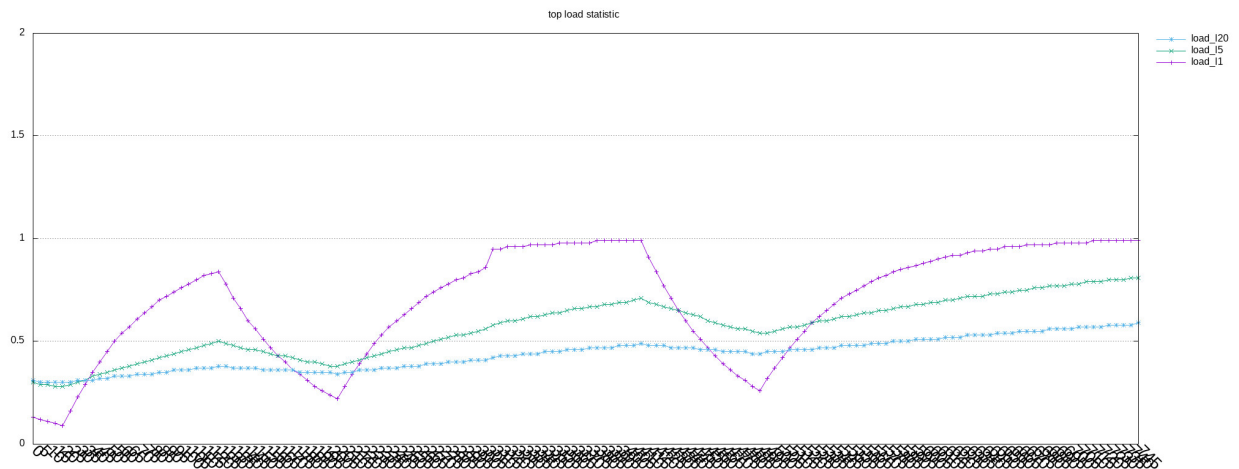top cmdline settings:

count : 150

intervall in seconds: 5

Memory usage

CPU usage

top cpu statistic

Load average

top load statistic

Legend:
- load_l20
- load_l5
- load_l1

links

tbot