PiTank Application Software

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1. Webserver

Appweb Community Edition Version 7.1.0 is chosen as embedded web server for PiTank Application.

It is built using MakeMe utility, with following configuration

> configure --prefix base=/usr

PiTank source is build as library (Eclipse IDE, remote C/C++ synchronization, library project) and loaded via appweb.conf file. So option 1 i.e."Extending via a Loadable Module" as explained in Appweb documentation link is used.

A request Handler is coded in PiTank application based on example simple-handler and then PiTank is build as library. Appweb load this *libPiTank.so* module on start as it read *appweb.conf* file.

With above mentioned configuration MakeMe install `appweb` in /usr/lib/appweb/7.1.1/bin/ , so copy *libPiTank.so* in same directory (also create softlink to appweb libraries at */usr/lib* if needed to build the handler module) . Modify *appweb.conf* file at /etc/appweb to add requestHandler for PiTank. Run appweb from directory where *appweb.conf* file is present, in this case from /etc/appweb

> sudo appweb