

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
```

All the Appweb configuration files and the HTTP index page related files (`/var/www/appweb`) are in software project folder at PiTank\src\app\configFiles on Github at [link](#). The appweb config files, as explained above should be placed `/etc/appweb` at and www files at `/var/www/appweb`. On correct configuration below front page appears to control the motors.

VijayKatoch/PiTank: Raspberry Pi

PiTankRaspberry Pi Based Battle

Not secure



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PiTank — Battle Tank model using Raspberry Pi

Control from web browser, run as Appweb embedded web server module

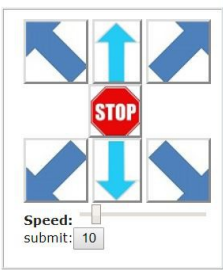
Quick Start

1. Read the project documentation.
2. Build using Eclipse Synchronized C/C++ Project on Raspberry Pi remote.
3. Bill of Material BOM.

PiTank Resources and Useful Links

- ToDo (Version: you can download a binary distribution or a source archive from GitHub: [Link](#)).
- Project Wiki.

Thanks, Vijay Katoch.



Speed:
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