

Proteus Wi-Fi Sensors

Push Data Setup Guide

Introduction

Proteus Wi-Fi sensors can push sensor data to a remote server for logging and other purposes. The setup is quite simple. You need to have a server script that accepts and parses the sensor data in XML format, and set up Proteus to call that script. That's all

Client Side

Instructions to setting up this feature on the device is available on the **Server TAB** of the web interface.

Server Side

A sample PHP script that accepts the xml data on the remote server is given below

```
<?php

//Access to database if any read/ write is involved
    require_once ("path/to/connect_to_database.php");

//Receive the sensor data xml from the server
    $string=$_POST["sensor_payload"];
    $xml = simplexml_load_string($string);

// Parsing one tag for eg:
    $x=$xml->sid0;

//Inserting the whole payload, and one parsed tag into the data base.
    $query="INSERT INTO xmltest(data,parsed) values ('$string','$x)";
    mysql_query($query) or die('Error: ' . mysql_error());

//Alternatively, you can write the received data to a text file from here.
?>
```