

Command Syntax For Data Retrieval

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Basically, the common mistake is to assume the command for receiving ADC, HTTP etc. data is like; ``
HTTPGet("https://192.168.0.100/temp.cgi") ``

However that will return an invalid syntax.

If you think about it, that is no different to having a line of code which is; `` ` 23 ``

The returned data in the HTTPGet example could be 23, so what...

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Step 1

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The returned data in the HTTPGet example could be 23, so what use is 23 on its own? You have to remember that all get/fetch commands should be looked at as though they are data and not commands. The data alone will be of no use if not used as part of a process or stored as a variable for later use.

The correct syntax would be; `` ` ` ` \$temp =
HTTPGet("https://192.168.0.100/temp.cgi") `` ` ` `

or as part of a function

```
`` ` ` ` IF(HTTPGet("https://192.168.0.100/temp.cgi") > 23) SayWait("Man, it's hot in  
here!") ElseIf(HTTPGet("https://192.168.0.100/temp.cgi") < 18) SayWait("Brrrr, it's  
cold in here!") Else SayWait("It's perfect in here") EndIf `` ` ` `
```

The same applies to all commands that will fetch data from somewhere including;
GetPWM GetServo GetServoSpeed GetSpeed GetSpeedLeft GetSpeedRight
GetCPUTemp GetVoltage GetADC GetRandom GetRandomUnique GetDigital GetPing
HTTPGet GetChatAt GetByteAt GetByte GetAsByte GetBit GetVolume I2CRead
UARTRead FileReadEnd FileReadChar FileReadLine FileReadAll FileReadLineRandom

And possibly more, I think I listed them all but with EZ-Builder updates so often it probably wont stay that way.

If you get a syntax error read the help on the right of the script dialogue, there are always examples

Update: That said, HTTPGet() will work without assigning variables etc. since it can be used to operate devices and websites etc. such as [NotifyMyAndroid](#). However if used to return data it must be assigned to a variable or used as part of an operation/process.