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🏠 (./index.php)   ❯ Board index (./index.php)   ❯ General Discussions (./viewforum.php?f=6)

TROUBLE WITH TRANSPARENT TRANSMISSION MODE (AT+CIPMODE=1) (./VIEWTOPIC.PHP?F=6&T=7966)

Moderators: alonewolfx2 (./memberlist.php?mode=viewprofile&u=1698), Sprite_tm (./memberlist.php?mode=viewprofile&u=63)

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TROUBLE WITH TRANSPARENT TRANSMISSION MODE (AT+CIPMODE=1)

By BlitzSSS (./memberlist.php?mode=viewprofile&u=12008)

- ⏱ Tue Feb 02, 2016 12:07 am   #40225 (./viewtopic.php?p=40225#p40225)

Hi All

I'm having issue exiting from transparent transmission mode (UART-WiFi passthrough transmission i.e AT+CIPMODE=1), apparently I'm supposed to enter "+++" to exit but this +++ data is being passed through the TCP connection rather than the ESP using it to quit the stream.

AT v0.52

has anyone else used this mode? is there some special character/format needed to enter +++ ?

Thanks

RE: TROUBLE WITH TRANSPARENT TRANSMISSION MODE (AT+CIPMODE=1

By martinayotte (./memberlist.php?mode=viewprofile&u=138)

- ⏱ Tue Feb 02, 2016 10:13 am   #40270 (./viewtopic.php?p=40270#p40270)

There is no such mode in plain AT firmware.
If you need to have WiFi-Uart bridge, take a look at the esp-link firmware.

RE: TROUBLE WITH TRANSPARENT TRANSMISSION MODE (AT+CIPMODE=1

By BlitzSSS (./memberlist.php?mode=viewprofile&u=12008)

- ⏱ Tue Feb 02, 2016 7:42 pm   #40317 (./viewtopic.php?p=40317#p40317)

Hi martinayotte

There certainly is, I've been playing with it, it's working and my issue with not being able to escape the data stream is not made up 😬

esp-link is one step further but at this stage I'm still using the AT firmware.

Taken from the AT Instruction Set and Command Examples found here:
http://bbs.espressif.com/viewtopic.php?f=51&t=1022 (http://bbs.espressif.com/viewtopic.php?f=51&t=1022)

AT+CIPMODE – Set transfer mode - AT Instruction Set - Page 63
During UART-WiFi passthrough transmission, if it is TCP connection and the TCP connection breaks,
ESP8266 will keep trying to reconnect until "+++" is inputed to quit from transmission. After "+++",
please wait at least 1 second before sending next AT command.

Command Examples - Section 4 Transparent Transmission - Page 11.
If received a packet of data that contains only "+++", then the transparent transmission process will
be stopped. Please wait at least 1 second before sending next AT command.
Please be noted that if you input "+++" directly by typing, the "+++", may not be recognised as three
consecutive "+" because of the Prolonged time when typing.

I cannot escape from this transparent transmission mode by sending "+++" to the ESP, instead it is passed through the TCP connection.

Serial1.println(F("+++"));
(using Software serial at 9600)

Thanks

RE: TROUBLE WITH TRANSPARENT TRANSMISSION MODE (AT+CIPMODE=1

By martinayotte (./memberlist.php?mode=viewprofile&u=138)

- ⏱ Wed Feb 03, 2016 8:45 am　　　　　　　　　　　　　#40352 (./viewtopic.php?p=40352#p40352)

Thanks for pointing the info, I didn't use AT firmware since almost a year, simply because I hate it.
In the old days, there wasn't such mode. So, sorry for confusion !

➕ Reply (./posting.php?mode=reply&f=6&t=7966)　　　　　　　| 7 posts | Page 1 of 2 |

❮ Return to General Discussions (./viewforum.php?f=6)

INSERT HTML CODE INTO THE ESP8266-01 (./VIEWTOPIC.PHP?F=12&T=9875)

08
May

- By martinayotte

Which library that doesn't compile ? Maybe you sho[…]

()

READ MORE (./viewtopic.php?p=47111#p47111)

08
May

FILE OPEN FAILED (./VIEWTOPIC.PHP?F=42&T=9910)

- By drhaitch

I have a whole pile of esp8266. I generally just g[…]

READ MORE (./viewtopic.php?p=47108#p47108)

08
May

SCAN WIFI NETWORKS SKETCH - CHANNEL NUMBER? (./VIEWTOPIC.PHP?F=29&T=9908)

- By martinayotte

Simply use the WiFi.scanNetworks() functions, then[…]

READ MORE (./viewtopic.php?p=47107#p47107)

08
May

WAIT BRANCH TIMEOUT OPTION? (./VIEWTOPIC.PHP?F=43&T=9881)

- By Electroguard

Forlotto please re-read this previous post, which […]

READ MORE (./viewtopic.php?p=47106#p47106)

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⊘ Posted 8 hours ago

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