

Application Note

>> ANw10.1: Migrating from eDsoft-301 v0.1+v1.0 to eDsoft-w302 v0.1

TARGET	eDsoft-w302 v0.1
NEED	Outline of changes to existing functionality in eDsoft-301. In addition to introducing GPRS feature, the eDsoft-302 contains modifications of the AT# interface to bring more homogeneity to the Wavecom product, compiling information coming from Wavecom.

AT#INTERFACE

Setting parameter value	<p>The syntax for setting parameter value is modified. It has to be: AT#Mnemonic=Value With :</p> <ul style="list-style-type: none">- Value between quotes if the value is a string. Ex: AT#POP3SERV="name.domain.com"- Value without quotes if the value is a numeric value. Ex: AT#FTPPORT=21
App Notes	ANSerial_Communication
eDsoft-301	AT#MnemonicValue
Response messages from the eDsoft	<p>The syntax for response messages coming from the eDsoft is modified to be: If ATV1 : <CR><LF>Response message<CR><LF> If ATV0 : Response message<CR><LF> or <Mnemonic value> <CR></p>
eDsoft-301	Response message <CR><LF>
View parameters	<p>The syntax displaying parameter values is modified to be: #Mnemonic: Value</p>
eDsoft-301	Mnemonic Value
Displaying Parameter Values	<p>Two new categories have been added: VGPRS and VPPP</p>
Setting the BODY parameters	<p>For setting the BODY1, BODY2, BODY3 parameters, the end sequence is modified to: CTRL+Z</p>
eDsoft-301	<CR><LF>..<CR><LF>
Sending an email combination	<p>The response messages after the AT#SENDCOMB1, AT#SENDCOMB2, AT#SENDCOMB3 commands are modified to: OK</p>
eDsoft-301	MAIL SENT

>> ANw10.1: Migrating from eDsoft-301 v0.1+v1.0 to eDsoft-302 v0.1beta

ACTIONS

Retrieving an email

When an email is retrieved from a POP3 account with the `AT#GETMAIL` command, the end sequence

`[CR][LF].[CR][LF]` notifies the end of data mode, switching in command mode.

Then a "OK" message has been added to notify the host of the ready state.

AT# Command `AT#GETMAIL`

PARAMETER MODIFICATIONS

Retrieving an email

OLD name used in eDsoft301 v0.1 + v1.0	New Name in eDsoft-w302 V1.0	Changed
ANSWER	ANSWERMODE	Y
BODY1	BODY1	N
BODY2	BODY2	N
BODY3	BODY3	N
BOXNAME	SENDERNAME	Y
CBTIMER	CALLBACKTIMER	Y
CCREC1	CCREC1	N
CCREC2	CCREC2	N
CCREC3	CCREC3	N
DIAL1N	DIALN1	Y
DIAL2N	DIALN2	Y
DIALIN	CALLSCREENNUM	Y
DIALOPT	DIALSELECT	Y
DISPPOP3HEAD	POP3HEADERMODE	Y
DLEONTCP	DLEMODE	Y
DNSPRIM	DNSSERV1	Y
DNSSEC	DNSSERV2	Y
DOMAIN	DOMAIN	N
FTPFILEG	FTPGETFILENAME	Y
FTPFILEP	FTPPUTFILENAME	Y
FTPPATHG	FTPGETPATH	Y
FTPPATHP	FTPPUTPATH	Y
FTPPORTC	FTPSPORT	Y
FTPPW	FTPPW	N
FTPSERV	FTPSERV	N
FTPTYPE	FTPTYPE	N
FTPUN	FTPUN	N
ISPPW	ISPPW	N
ISPUN	ISPUN	N
POP3PORT	POP3PORT	N
POP3PW	POP3PW	N
POP3SERV	POP3SERV	N
POP3UN	POP3UN	N
PPPMYIP	PPPMYIP	N
PPPPEERIP	PPPPEERIP	N
PPPSRVPW	PPPSERVPW	Y
PPPSRVUN	PPPSERVUN	Y
PROTOCOL	PPPMODE	Y
REC1	REC1	N
REC2	REC2	N
REC3	REC3	N
RETRYNUM	REDIALCOUNT	Y
RETRYTIME	REDIALDELAY	Y
RINGNUM	RINGCOUNT	Y
SENDER	SENDERADDR	Y
SMTPPORT	SMTSPORT	N
SMTPPW	SMTPPW	N
SMTPSERV	SMTPSERV	N
SMTPUN	SMTPUN	N
SUBJ1	SUBJ1	N
SUBJ2	SUBJ2	N
SUBJ3	SUBJ3	N
TCPSPORT	TCPSPORT	N
TCPSERV	TCPSERV	N
TIMEOUT	PHYTIMEOUT	Y

**New
parameters**

APNSERV	NEW
APNUN	NEW
APNPW	NEW
GPRSMODE	NEW
GPRSCID	NEW

**Commands
Modification**

OLD name used in eDsoft301 v0.1 + v1.0	New Name in eDsoft-302 V0.1	Changed
ACCEPT	ACCEPT	N
DISPLAYIP	DISPLAYIP	N
END	CONNECTIONSTOP	Y
FTPGET	FTPGET	N
FTPPUT	FTPPUT	N
LTCP	LTCPSTART	Y
OTCP	OTCP	N
RETR	GETMAIL	Y
SENDCOMB1	SENDMAIL1	Y
SENDCOMB2	SENDMAIL2	Y
SENDCOMB3	SENDMAIL3	Y
SENDEM	PUTMAIL	Y
START	CONNECTIONSTART	Y
STOP	LTCPSTOP	Y
VDNS	VDNS	N
VFTP	VFTP	N
VVERSION	VVERSION	N
VIEW	VALL	Y
VMAIL1	VMAIL1	N
VMAIL2	VMAIL2	N
VMAIL3	VMAIL3	N
VPHY	VPHY	N
VPOP3	VPOP3	N
VSMTP	VSMTP	N
VSTATE	VSTATE	N
VTCP	VTCP	N

**New
commands**

VPPP	NEW
VGPRS	NEW