IRC Server Properties

copied from irc.org

Parameter	Argument	Servers	Explanation	Example
ACCEPT			[Deprecated] The same as CALLERID.	ACCEPT
CALLERID		Hybrid	The server supports server side ignores via the +g user mode.	CALLERID
CASEMAPPING	string	all	Case mapping used for nick- and channel name comparing. Current possible values: ascii: The chars [a-z] are lowercase of [A-Z]. rfc1459: ascii with additional {}|~ the lowercase of []\^. strict-rfc1459: ascii with additional {}| the lowercase of []\. Note: RFC1459 forgot to mention the ~ and ^ although in all known implementations those are considered equivalent too.	CASEMAPPING=rfc1459 (ircu, Hybrid, IRCNet) CASEMAPPING=ascii (Bahamut)
CHANMODES	A,B,C,D	all	This is a list of channel modes according to 4 types. A = Mode that adds or removes a nick	CHANMODES=b,k,l,imnpst (ircu) CHANMODES=beI,k,l,imnpstaqr (IRCNet)

			or address to a list. Always has a parameter. B = Mode that changes a setting and always has a parameter. C = Mode that changes a setting and only has a parameter when set. D = Mode that changes a setting and never has a parameter. Note: Modes of type A return the list when there is no parameter present. Note: Some clients assumes that any mode not listed is of type D. Note: Modes in PREFIX are not listed but could be considered type B.	CHANMODES=beI,k,l,imnpsta (Hybrid)
CHANNELLEN	number	all	Maximum channel name length.	CHANNELLEN=50 (IRCNet)
CHANTYPES	chars	all	The supported channel prefixes.	CHANTYPES=+#& (ircu) CHANTYPES=#&!+ (IRCNet) CHANTYPES=&# (Bahamut) CHANTYPES=#& (Hybrid)
CHARSET	string	KineIRCd	The charset were all the server generated messages are in. This includes text in numerics and notices. Note: It doesn't say anything about wether the UTF-8 is allowed in a nick	CHARSET=UTF-8 (KineIRCd)

| | | | or not.

Note: We strongly recommend to use of UTF-8 in IRC.

Note: ircu used to use this to say what case mapping they were using. They used "rfc1459" as the string. In case it has that, you may assume it means case mapping and not charset. | |
|---|---|---|---|---|
| CHIDLEN | number | IRCNet | Channel ID length for !channels (5 by default). See RFC 2811 for more information. | CHIDLEN=5 |
| CNOTICE | | ircu | The CNOTICE command exists, just like CPRIVMSG | CNOTICE |
| CPRIVMSG | | ircu | The CPRIVMSG command exists, used for mass messaging people in specified channel (CPRIVMSG channel nick,nick2,... :text) | CPRIVMSG |
| EXCEPTS | | Hybrid, IRCNet | The server support ban exceptions (+e mode). See RFC 2811 for more information. | EXCEPTS |
| FNC | | IRCNet | Forced nick changes: The server may change the nickname without the client sending a NICK message. | FNC |
| INVEX | | Hybrid, IRCNet | The server support invite exceptions (+I mode). See RFC 2811 for more information. | INVEX |

KICKLEN	number	all	Maximum kick comment length.	KICKLEN=80 (IRCNet) KICKLEN=120 (Hybrid) KICKLEN=160 (ircu) KICKLEN=307 (Bahamut)
KNOCK		Hybrid	The KNOCK command exists.	KNOCK
LANGUAGE	string,string,...	KineIRCd	[Experimental] The server supports the LANGUAGE command. All server generated messages (numerics and notices) will be send in the requested language. It contains a list of the languages you can select. See BCP 47 for more information on language tags. Note: The server will always encode things with UTF-8. How to send them all if the string becomes too long?	LANGUAGE=en,i-klingon
MAXBANS	number	all	Maximum number of bans per channel. Note: This number might be for all lists together, such as the invite and ban exception list.	MAXBANS=25 (Hybrid) MAXBANS=30 (IRCNet, ircu) MAXBANS=100 (Bahamut)
MAXCHANNELS	number	all	Maximum number of channels allowed to join. Note: This might exclude &channels.	MAXCHANNELS=10
MAXTARGETS	number	Hybrid	Maximum targets allowed for PRIVMSG	MAXTARGETS=4 (Hybrid)

			and NOTICE commands	
MODES	number	all	Maximum number of channel modes with parameter allowed per MODE command.	MODES=3 (IRCNet) MODES=4 (Hybrid) MODES=6 (ircu MODES=13 (Bahamut)
NETWORK	name	all	The IRC network name.	NETWORK=EFnet (Hybrid) NETWORK=IRCNet (IRCNet) NETWORK=Undernet (ircu) NETWORK=DALnet (Bahamut)
NICKLEN	number	all	Maximum nickname length.	NICKLEN=9 (IRCNet, ircu, Hybrid) NICKLEN=30 (Bahamut)
NOQUIT		Bahamut	Isn't this server to server feature, nothing to do with clients?	NOQUIT
PENALTY		IRCNet	Server gives extra penalty to some commands instead of the normal 2 seconds per message and 1 second for every 120 bytes in a message.	PENALTY
PREFIX	(modes)prefixes	all	A list of channel modes a person can get and the respective prefix a channel or nickname will get in case the person has it. The order of the modes goes from most powerful to least powerful. Those prefixes are shown in the output of the WHOIS, WHO and NAMES command. Note: Some servers only show the	PREFIX=(ov)@+ (IRCNet, Bahamut, ircu) PREFIX=(ohv)@%+ (Hybrid)

			most powerful, others may show all of them.	
RFC2812		IRCNet	Server supports RFC 2812 features.	RFC2812
SAFELIST		Bahamut	The LIST is sent in multiple iterations so send queue won't fill and kill the client connection.	SAFELIST
SILENCE	number	ircu, Bahamut	The server support the SILENCE command. The number is the maximum number of allowed entries in the list.	SILENCE=15 (ircu) SILENCE=10 (Bahamut)
STATUSMSG	string	none?	The server supports messaging channel member who have a certain status or higher. The status is one of the letters from PREFIX.	STATUSMSG=+%@
STD	string	none?	The standard which the implementation is using.	STD=i-d
TOPICLEN	number	all	Maximum topic length.	TOPICLEN=80 (IRCNet) TOPICLEN=120 (Hybrid) TOPICLEN=160 (ircu) TOPICLEN=307 (Bahamut)
USERIP		ircu	The USERIP command exists.	USERIP
VCHANS		Hybrid	Server supports virtual channels.	VCHANS
WALLCHOPS		Hybrid, ircu	The server supports messaging channel operators (NOTICE @#channel) Note: This has been replaced by STATUSMSG.	WALLCHOPS

			ircu also supports a WALLCHOPS command? Note: ircu doesn't support voiced persons because it conflicts with +channels. Note: Hybrid supports everything in PREFIX Note: Hybrid 6 and ircu don't support it with PRIVMSG, Hybrid 7 does.	
WATCH	number	Bahamut	Maximum number of WATCHes allowed.	WATCH=128 (Bahamut)
WHOX		ircu	The WHO command uses WHOX protocol.	WHOX

Some of those parameters define a length. It's currently NOT defined if this is in octects or (multi-byte) characters. If there isn't any charset defined you may assume it's in octects.

I would like to be able to place some links to commands like SILENCE, USERIP, CPRIVMSG, CNOTICE, KNOCK, and others. Whatever may be useful to client authors. They don't seem to put any documentation online.