



ADVANCED
NETWORK DEVICES

Embeddable Control Commands

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OVERVIEW

IPClockWise supports several control commands that can be embedded in the scrolling text strings used in alerts and events within third party software applications.

Example

For Message Text:

Today is {dayofweek}, {date}, and the {green}US debt{/green} is currently {usdebt}, which is up {usdebt_year} this year.

Resulting Message:

Today is Tuesday, 10/18/2013, and the **US debt** is currently \$16.8T, which is **\$318B↑** this year.

Note that some fields automatically color themselves, for example: if the debt is down, the \$ value is green, debt up, it is red

DATE/TIME RELATED CODES

Command	Result	Example
{date}	Current date	11/14/2018
{time}	Current time	9:15
{dayofweek}	Day of the week	Wednesday
{month}	Current month	November
{day}	Current day of the month	14
{year}	Current year	2018
{hour}	Current hour	9
{minute}	Current minute	15
{second}	Current second	23

INTERNET-DOWN RELATED CODES

Use these codes primarily with the "Internet Availability" traps (i.e. the trigger source in an Alert), as date-reporting codes may produce incorrect or meaningless results otherwise.

Command	Result	Example
{internet_status}	The status of the internet connection. Possible results include UP, QUESTIONABLE, or DOWN. QUESTIONABLE means 1, 2, or 3 successive unsuccessful internet connection attempts. If 4 or more unsuccessful attempts occur, the status will change to DOWN.	UP
{internetdown_time}	The date/time the internet last went down. Useful when using the "Came Back Up" sub-type on the "Internet Availability" trigger in an Alert.	4/12/2018 9:00AM
{internetup_time}	The date/time the internet came back up.	4/12/2018 9:04AM
{internetdown_timespan}	The current timespan of internet downtime. Useful when using the "Came Back Up" sub-type on the "Internet Availability" trigger in an Alert.	4 minutes and 32 seconds
{network_status}	The status of the network connection. Possible results include UP, QUESTIONABLE, or DOWN. QUESTIONABLE means 1, 2, or 3 successive unsuccessful network connection attempts. If 4 or more unsuccessful attempts occur, the status will be changed to DOWN.	UP
{networkdown_time}	The date/time the local network last went down.	4/12/2018 9:00AM
{networkup_time}	The date/time the local network came back up.	4/12/2018 9:04AM
{networkdown_timespan}	The current timespan of network downtime.	4 minutes and 32 seconds

COLOR RELATED CODES

Command	Result
{cherry}	Change the color in the text string to cherry, to change it back, use {/cherry}.
{red}	Change the color in the text string to red, to change it back, use {/red}
{hunter}	Change the color in the text string to hunter, to change it back, use {/hunter}.
{sienna}	Change the color in the text string to sienna, to change it back, use {/sienna}.
{terracotta}	Change the color in the text string to terracotta, to change it back, use {/terracotta}.
{vermillion}	Change the color in the text string to vermillion, to change it back, use {/vermillion}.
{olive}	Change the color in the text string to olive, to change it back, use {/olive}.
{tan}	Change the color in the text string to tan, to change it back, use {/tan}.
{ochre}	Change the color in the text string to ochre, to change it back, use {/ochre}.
{pumpkin}	Change the color in the text string to pumpkin, to change it back, use {/pumpkin}.
{green}	Change the color in the text string to green, to change it back, use {/green}.
{yellow}	Change the color in the text string to yellow, to change it back, use {/yellow}.
{gold}	Change the color in the text string to gold, to change it back, use {/gold}.
{orange}	Change the color in the text string to orange, to change it back, use {/orange}.
{flash_fg=normal_fg}	Removes Flash settings from text following this tag.
{flash_fg=default}	Applies Flash settings to text following this tag.

TRIGGER RELATED CODES

Command	Result	Example
{trigger}	Type, channel and state of trigger activated (GPIO In, Temp Sensor, Internet Availability).	(GPIO In : 1 : Set)
{trigger.source}	Description and MAC address of endpoint that caused the trigger.	IPSpeaker(20:46:f9:03:2b:71)
{trigger.source.description}	Description of endpoint that caused the trigger.	IPSpeaker
{trigger.source.mac}	MAC address of endpoint that caused the trigger.	20:46:f9:03:2b:71
{trigger.source.ip}	IP address of endpoint that caused the trigger.	192.168.6.123
{trigger.source.location}	Location of endpoint that caused the trigger.	North Hallway

US DEBT RELATED CODES

Command	Result	Example
{usdebt}	The current US national debt.	\$16.8T
{usedebt_between_reads}	The change in US debt from the last time retrieved.	\$1.1M
{usedebt_day}	The change in US debt for the current day, so far (since midnight).	\$2.4M
{usedebt_year}	The change in debt for the current year, so far (since January 1).	\$318B