Notification Project

Customized Message Display

# Notification Project (Customized Message Display) rules:

* Minimum staying alive timer for display session is 60 secs. Without receiving any new message, customized display will exit. After exit, session expires, user must restart a new session.

# Notification Project (Customized Message Display) sync commands

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| “xx”: actual communication characters  (xx): replaced according to the explanation | (x): x: x number of characters restricted; -x: x characters at most  [x]: valid characters  Each message count as a heartbeat |
| “z0” + “(app\_id)”  Example: z0a5ef3350 | app\_id (8): provided by Carloudy after user registered account. Will define folders and start a new session belongs to the specific app.  This message must be sent prior to other related commands. |
| “za” + “(id)” + “(font size)” + “(x)” + “(y)” + “(width)” + “(height)”  Example: za13205364200 | This command must be sent prior to “zb” commands.  id (1) [0-9, a-z]: User defined display section id for distinguishing among other display sections  font size (2) [01-99]: font size for texts in display section; “00” for default size  x (2) [00-90]: position-x for display section  y (2) [00-72]: position-y for display section  width (2) [01-90]: width for display section; “00” for auto fit width  height (2) [01-72]: height for display section; “00” for auto fit height |
| “zb” + “(id)” + “(text)”  Example: zb1Hello, World! | This command must be sent after “za” and “z0”. Otherwise, it’s meaningless and will be ignored.  This command can be used to replace old text with “text” only for the specific “id” after “za” has been received and without sending “za” again.  id (1) [0-9, a-z]: User defined display section id for distinguishing among other display sections.  text : text string for display section |
| “zc” + “(pic\_id)” + “(x)” + “(y)” + “(width)” + “(height)”  Example: zc0100563030 | This command must be sent after “z0”. Otherwise, it’s meaningless and will be ignored.  The picture to display will keep the original aspect ratio.  Command only has “pic\_id” without other parameters will remove the image.  pic\_id (2) [0-9, a-z]: unique id for picture to display. The “pic\_id” must be the same as the picture name uploaded by the user  x (2) [00-90]: position-x for display section  y (2) [00-72]: position-y for display section  width (2) [01-90]: width for display section; “00” for auto fit width  height (2) [01-72]: height for display section; “00” for auto fit height |
| “zd” + “(command\_id)” + “(app\_id)”  Example: zd2a5ef3350 | This command must be sent after “z0”. Otherwise, it’s meaningless and will be ignored.  command\_id (1) [0-9]: 0: remove all contents on display 1: stop / exit display session 2: heartbeat signal without any messages, for display session staying alive  app\_id (8): provided by Carloudy after user registered account |

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