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# Widgets Reference

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# API Commands

Once you've registered your own plugin on the bus, you can call commands on other registered plugins. Below we'll quickly register a new plugin on the bus using the global bus object.

## Important

The global bus object is a debug tool. When implementing Widgets on your own site, do not use the global bus object to register your custom plugins. Instead, see [Widgets Extensions](#) for more information about extending Genesys Widgets.

```
var oMyPlugin = window._genesys.widgets.bus.registerPlugin('MyPlugin');
oMyPlugin.command('Engage.invite');
```

## invite

Opens the Engage Widget and renders the text based on the options provided. If no options are provided, it will not open.

## Example

```
oMyPlugin.command('Engage.invite', {
  'type': 'toast',
  'timeout': 3000,
  'title': 'Engage Title',
  'ariaTitle': 'Engage Invite',
  'body': 'Engage invite body content',
  'accept': 'Yes',
  'decline': 'No, thanks',
  'ariaAccept': 'Yes',
  'ariaDecline': 'No, thanks',
  'ariaClose': 'Close',
  'command': 'WebChat.open',
  'options': {'proactive': true, 'userData': {'category': 'shoes'}}
});
```

```
oMyPlugin.command('Engage.invite', {
  'type': 'toast',
  'timeout': 3000,
  'force': true,
  'title': 'Engage Title',
  'ariaTitle': 'Engage Invite',
  'body': 'Engage invite body content',
```

## API Commands

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```
'accept':'Yes',
'decline':'No, thanks',
'ariaAccept':'Yes',
'ariaDecline':'No, thanks',
'ariaClose':'Close'
}).done(function(response){

    // Act upon the received response code

    switch(response){
    case 'accepted':oMyPlugin.command('WebChat.open');
        break;
    case 'declined': break;
    case 'closed': break;
    case 'timeout': break;
    }
});
```

## Options

Option	Type	Description	Accepted Values	Default	Introduced / Updated
type	string	Widget display type.	toast		
timeout	number	Timeout integer in milliseconds.	n/a		
title	string	String for widget title.	n/a		
ariaTitle	string	Aria label text for the Engage invite window.	n/a		9.0.015.04
body	string	String for offer body text.	n/a		
accept	string	String for Accept button text.	n/a		
ariaAccept	string	Aria label text for the Accept button.	n/a		9.0.016.10
decline	string	String for Decline button text.	n/a		
ariaDecline	string	Aria label text for the Decline button.	n/a		9.0.016.10
ariaClose	string	Aria label text for the Engage Close button.	n/a		9.0.016.10

Option	Type	Description	Accepted Values	Default	Introduced / Updated
command	string	Command to execute.	n/a		
options	object	Options related to the command provided.	n/a		
priority	number	Replace the active lower priority Engage invite with the higher priority Engage invite.	n/a	0	9.0.015.11
force	boolean	Replace the active Engage invite with the new Engage invite irrespective of priorities.	n/a	false	9.0.015.11

## Resolutions

Status	When	Returns
resolved	When engage invite is accepted by user.	accepted
resolved	When engage invite is declined by user.	declined
resolved	When engage invite widget is closed by user.	closed
resolved	When engage invite widget closes due to timeout.	timeout

## offer

Opens an Offer Widget using the data sent through the command options provided below. It can include both rendering options and the actual data that needs to be displayed in the Offer Widget. If no options are provided, it will not open.

## Example

```
oMyPlugin.command('Engage.offer', {
```

```

mode:'overlay',
modal:true,
layout:'leftText',
priority: 1,
title: 'GRAB WHAT YOU NEED!!!',
ariaTitle: 'Offers',
headline:'We Got All!',
description:'Get free NextDay delivery on orders of $35 or more. Start shopping now!',

cta:{
  text:'Join',
  url:'https://www.genesys.com',
  target:'_blank'
},

image:{
  src:'https://picsum.photos/id/237/300/300',
  alt:'Alternate Text for Image'
},

styles:{
  closeButton:{
    'color':'red'
  }
},
ariaCTA:'Join',
ariaClose:'Close Offer'
});

```

## Options

Option	Type	Description	Accepted Values	Default	Introduced / Updated
mode	string	Display type of Offer Widget.	overlay, toaster	toaster	9.0.015.04
modal	boolean	Applicable only when mode is 'overlay'. A smokescreen will be shown in the background of overlay modal window. This window can be dismissed by clicking anywhere in the smokescreen area.	n/a	false	9.0.015.04
layout	string	Additional layout options supported for all modes.	minimal, leftText, rightText, topText,	leftText	9.0.015.04

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Option	Type	Description	Accepted Values	Default	Introduced / Updated
			bottomText		
headline	string	Offer title header text.	n/a	n/a	9.0.015.04
ariaTitle	string	Aria label text for the Offer window.	n/a	n/a	9.0.015.04
description	string	Offer body description text.	n/a	n/a	9.0.015.04
cta	object	An object containing html attributes and/or CXBus command for the CTA (call to action) button.	n/a	n/a	9.0.015.04
cta.text	string	CTA button text.	n/a	n/a	9.0.015.04
cta.url	string	URL string for the CTA button.  Note: The URL must be properly defined with the complete Protocol URL Address. For example, <a href="https://www.genesys.com">https://www.genesys.com</a> .	_blank, _parent, _self, _top, framename	n/a	9.0.015.04
cta.target	string	To specify where the URL should be opened.	n/a	n/a	9.0.015.04
cta.command	string	A CXBus command to execute.	n/a	n/a	9.0.015.04
cta.commandOptions	string	Options related to CXBUS command.	n/a	n/a	9.0.015.04
image	object	An object containing image tag attributes.	n/a	n/a	9.0.015.04
image.src	string	URL of the image.	n/a	n/a	9.0.015.04
image.alt	string	Alternate text for the image.	n/a	n/a	9.0.015.04

Option	Type	Description	Accepted Values	Default	Introduced / Updated
image.title	string	To indicate the screen reader user whether the image opens the URL in a new window.	n/a	n/a	9.0.016.10
insertAfter	string	Applicable only in mobile mode. An id or class name of an html selector from the host page. The Offer will be inserted after this element. The value mentioned here should be preceded with the standard Class ('.') and ID selector ('#') character.	n/a	n/a	9.0.015.04
insertBefore	string	Applicable only in mobile mode. An id or class name of an html selector from the host page. The Offer will be inserted before this element. The value mentioned here should be preceded with the standard Class ('.') and ID selector ('#') character.	n/a	n/a	9.0.015.04
insertInto	string	Applicable only in mobile mode. An id or class name of an html selector from the host page. The Offer will	n/a	n/a	9.0.015.04



Option	Type	Description	Accepted Values	Default	Introduced / Updated
		be appended inside this element. The value mentioned here should be preceded with the standard Class ('.') and ID selector ('#') character.			
styles	object	An Object containing styles for the Offer content.	n/a	n/a	9.0.015.04
styles.closeButton	object	An Object containing styles for the close button.	n/a	n/a	9.0.015.04
styles.closeButton.color	string	Color of the close button.	n/a	n/a	9.0.015.04
styles.closeButton.opacity	number	CSS 'opacity' property for the close button.	n/a	n/a	9.0.015.04
styles.overlay	object	An Object containing styles for the overlay container.	n/a	n/a	9.0.015.04
styles.overlay.top	string	CSS 'top' property for the overlay container.	n/a	n/a	9.0.015.04
styles.overlay.right	string	CSS 'right' property for the overlay container.	n/a	n/a	9.0.015.04
styles.overlay.bottom	string	CSS 'bottom' property for the overlay container.	n/a	n/a	9.0.015.04
styles.overlay.left	string	CSS 'left' property for the overlay container.  Note: When all the position	n/a	n/a	9.0.015.04

Option	Type	Description	Accepted Values	Default	Introduced / Updated
		values are provided, the order of precedence will be Top, Right, Bottom and Left.			
styles.overlay.center	boolean	Aligns overlay container to the center of the screen.	n/a	true	9.0.015.04
styles.offer	object	An Object containing styles for the Offer window.	n/a	n/a	9.0.015.04
styles.offer.backgroundColor	string	Background color of the Offer.	n/a	n/a	9.0.015.04
styles.offer.color	string	Text color of the Offer.	n/a	n/a	9.0.015.04
styles.offer.padding	string	Padding for the Offer container.	n/a	0	9.0.015.04
styles.title	object	An Object containing styles for the title.	n/a	n/a	9.0.015.04
styles.title.font	string	CSS 'font' property for the title.	n/a	n/a	9.0.015.04
styles.title.textAlign	string	CSS 'text-align' property for the title.	n/a	n/a	9.0.015.04
styles.headline	object	An Object containing styles for the header text.	n/a	n/a	9.0.015.04
styles.headline.font	string	CSS 'font' property for the header text.	n/a	n/a	9.0.015.04
styles.headline.textAlign	string	CSS 'text-align' property for the header text.	n/a	n/a	9.0.015.04
styles.description	object	An Object containing styles for the	n/a	n/a	9.0.015.04

Option	Type	Description	Accepted Values	Default	Introduced / Updated
		Offer description text.			
styles.description.font	string	CSS 'font' property for the description text.	n/a	n/a	9.0.015.04
styles.description.textAlign	string	CSS 'text-align' property for the description text.	n/a	n/a	9.0.015.04
styles.ctaButton	object	An Object containing styles for call to action button in the Offer window.	n/a	n/a	9.0.015.04
styles.ctaButton.font	string	CSS 'font' property for the text in call to action button.	n/a	n/a	9.0.015.04
styles.ctaButton.textAlign	string	CSS 'text-align' property for the text in call to action button.	n/a	n/a	9.0.015.04
styles.ctaButton.background	string	CSS 'background' property for the call to action button.	n/a	n/a	9.0.015.04
styles.ctaButton.color	string	CSS 'color' property for the text in call to action button.	n/a	n/a	9.0.015.04
styles.ctaButton.fontSize	string	CSS 'font-size' property for the text in call to action button.	n/a	n/a	9.0.015.04
ariaCTA	string	Aria label text for the Offer CTA button.	n/a	n/a	9.0.016.10
ariaClose	string	Aria label text for the Offer Close button.	n/a	n/a	9.0.016.10
priority	number	Replace the	n/a	0	9.0.015.11

Option	Type	Description	Accepted Values	Default	Introduced / Updated
		active lower priority Engage Offer with the higher priority Engage Offer.			
force	boolean	Replace the active Engage Offer with the new Engage Offer irrespective of priorities.	n/a	false	9.0.015.11