



This PDF is generated from authoritative online content, and is provided for convenience only. This PDF cannot be used for legal purposes. For authoritative understanding of what is and is not supported, always use the online content. To copy code samples, always use the online content.

Widgets Reference

API Commands

Contents

- 1 API Commands
 - 1.1 configure
 - 1.2 generate
 - 1.3 showAvailability
 - 1.4 reset

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('Calendar.reset');
```

configure

Internal use only. The main App plugin shares configuration settings to widgets using each widget's configure command. The configure command can only be called once at startup. Calling configure again after startup may result in unpredictable behavior.

Example

```
oMyPlugin.command('Calendar.configure', {  
  showAvailability: true,  
  numberOfDays: 7,  
  calendarHours:{  
    interval: 3000,  
    morning:{  
      enable: true,  
      openTime: '08:00',  
      closeTime: '11:00'  
    },  
    afternoon:{  
      enable: true,  
      openTime: '11:01',  
      closeTime: '14:30'  
    },  
    evening:{  
      enable: true,  

```

```
        openTime: '14:31',
        closeTime: '18:00'
    },
    },
  }).done(function(e){
    // Calendar configured successfully
  }).fail(function(e){
    // Calendar failed because of invalid configuration or invalid time is provided
  });
```

Options

Option	Type	Description
showAvailability	boolean	Enable/disable calendar to update the timeslots based on the callback availability. The unavailable timeslots are greyed out.
numberOfDays	number	The number of days to display on calendar starting today.
calenderHours.interval	number	The time interval between each consecutive timeslot displayed on calendar.
calenderHours.morning.enable	boolean	Enable/Disable morning section in calendar.
calenderHours.morning.openTime	string	Morning section opening time in 'HH:MM' 24 Hr format.
calenderHours.morning.closeTime	string	Morning section closing time in 'HH:MM' 24 Hr format.
calenderHours.afternoon.enable	boolean	Enable/Disable afternoon section in calendar.
calenderHours.afternoon.openTime	string	Afternoon section opening time in 'HH:MM' 24 Hr format.
calenderHours.afternoon.closeTime	string	Afternoon section closing time in 'HH:MM' 24 Hr format.
calenderHours.evening.enable	boolean	Enable/Disable evening section in calendar.
calenderHours.evening.openTime	string	Evening section opening time in 'HH:MM' 24 Hr format.
calenderHours.evening.closeTime	string	Evening section closing time in 'HH:MM' 24 Hr format.

Resolutions

Status	When	Returns
resolved	When configuration options are provided and set	n/a
rejected	When no configuration options are provided	'No configuration provided'
rejected	When invalid time is provided in Morning opening time section	'Invalid config: morning open time'
rejected	When invalid time is provided in Morning closing time section	'Invalid config: morning close time'
rejected	When invalid time is provided in Afternoon opening time section	'Invalid config: afternoon open time'
rejected	When invalid time is provided in Afternoon closing time section	'Invalid config: afternoon close time'
rejected	When invalid time is provided in Evening opening time section	'Invalid config: evening open time'
rejected	When invalid time is provided in Evening closing time section	'Invalid config: evening close time'

generate

Builds and generates the calendar. Should subscribe to the events to get the generated calendar and display where you would like to.

Example

```
oMyPlugin.command('Calendar.generate', {date: 'Mon Mar 20 2017 19:51:47 GMT-0700 (PDT)'}).done(function(e){  
    // Calendar generated successfully  
}).fail(function(e){  
    // Calendar failed to generate  
});
```

Options

Option	Type	Description
date	Date string/object	To pre-select the date and time on calendar.

Resolutions

Status	When	Returns
resolved	When the calendar is successfully generated	n/a
rejected	When Invalid date is passed to calendar	'Invalid data'

showAvailability

Update the calendar timeslots with the callback availability. This enables only those timeslots that have the callback facility and disables the remaining.

Example

```
oMyPlugin.command('Calendar.showAvailability', {date: '03/22/17'}).done(function(e){  
    // Calendar showed availability successfully  
}).fail(function(e){  
    // Calendar failed to show availability  
});
```

Options

Option	Type	Description
date	Date string/object	Update the callback availability on calendar with the selected date.

Resolutions

Status	When	Returns
resolved	When timeslots are successfully updated	n/a
rejected	When no date value is found to check the availability	'No date found to check availability'
rejected	When invalid date value is found	'Invalid date'

reset

Resets the calendar with no pre-selected values.

Example

```
oMyPlugin.command('Calendar.reset').done(function(e){  
    // Calendar reset successfully  
}).fail(function(e){  
    // Calendar failed to reset  
});
```

Resolutions

Status	When	Returns
resolved	When calendar is successfully reset	n/a