

Specify spot information

URL: <https://docs.grassfish.com/docs/en/specify-spot-information>

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You can specify general spot information in the ascData.json file. To do so, add the relevant information in the following sections.

Document

Setting	Field	Data	Description
SpotIdentifier	Mandatory	String	Specify a spot identifier to verify that this is the correct spot when replacing a spot.
SpotVersion	Mandatory	String	Specify the current version of the spot or JSON structure.
ApiVersion	Mandatory	Integer	<p>Specify your API version.</p> <p>The API version must match IXM One version to ensure the functionality of the spot.</p> <p>If the API version and IXM One version are not compatible, you'll see an error message. The spot can't be guaranteed.</p>
Width	Optional	Integer	<p>Specify the height of the spot.</p> <p>We recommended that you specify the target resolution so that the spot is displayed correctly.</p> <p>If you can enter 0 or leave the value blank, the spot must scale itself.</p>
Height	Optional	Integer	<p>Specify the width of the spot.</p> <p>We recommended that you specify the target resolution so that the spot is displayed correctly.</p> <p>If you can enter 0 or leave the value blank, the spot must scale itself.</p>
BackgroundColor	Optional	String	<p>Specify a background color for the display of the spot.</p> <p>If you leave the value blank, IXM One uses the playlist color as the background color.</p> <p>If you define a custom background in the spot, it will overlay the background color.</p>

```

{
  "Content": {},
  "Document": {
    "SpotIdentifier": "SampleSpot",
    "SpotVersion": "1.0.0",
    "ApiVersion": 5,
    "Width": 1920,
    "Height": 1080,
    "BackgroundColor": "#00838F"
  }
}

```

Options

Setting	Field	Data	Description
PossibleResolutions	Optional	Array	<p>Specify an optional list of resolutions that a spot can be rendered at.</p> <p>You can't use this option together with DynamicResolution.</p> <p>Example:</p> <pre> "PossibleResolutions": [{ "Width": 1920, "Height": 1080 }, { "Width": 1080, "Height": 1920 }] </pre>
EnablePlayerSelection	Optional	Boolean	<p>Use this option to enable player selection in the player interface.</p> <p>Example: "EnablePlayerSelection": true</p>
DisableBackgroundColor	Optional	Boolean	<p>Use this option to disable setting a background color for a spot.</p> <p>Example: "DisableBackgroundColor": true</p>

UseSingleElementUpdate	Optional	Boolean	<p>Use this option to react to changes in a single element.</p> <p>If this option is enabled, you don't have to register a handler for an element, the global DataChanged handler will be called.</p> <p>Example: "UseSingleElementUpdate": true</p> <p>Registration in the spot:</p> <pre> gfWizardBase.registerSingleElementUpdateHandler("myElement", myElementUpdatedFunction); ... function myElementUpdatedFunction() { //change the value of the single element }</pre>
DynamicResolution	Optional	Object	<p>Specify the height and width of the wizard spot.</p> <p>You can't use this option together with PossibleValues.</p> <p>Example:</p> <pre> "DynamicResolution": { "Active": true, "MinWidth": 400, "MaxWidth": 2000, "MinHeight": 300, "MaxHeight": 3000 }</pre>

Elements

Setting	Field	Data	Description
Id	Mandatory	String	<p>Specify a unique ID for the element.</p> <p>Example: "Id": "myUniqueElementId"</p>
DisplayName	Mandatory	String	<p>Specify the display name in the wizard.</p> <p>Optionally, the display name can be translated in the translation file.</p>

DataType	Mandatory	String	Specify the type of element and by which ItemRenderer it is rendered. Example: "DataType": "group"
Translations	Optional	Object	Supply direct translations for the DisplayName. The language code is the key. Example: <pre> "Translations": { "de": { "DisplayName": "Beispiel name" } } </pre>
Description	Optional	String	Specify an additional description for all input elements in the group. Example: <pre> "Description": "Eingabefeld.", "Translations": { "en": { "Description": "Input field." } } </pre>

Groups

Setting	Field	Data	Description
Id, DisplayName	Mandatory	String	See Elements table
DataType	Mandatory	String	Example: "DataType": "group"
Elements	Mandatory	Array	Contains the sub-elements of the group but can be empty

Checkbox

Setting	Field	Data	Description
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Id, DisplayName	Mandatory	String	See Elements table
DataType	Mandatory	String	Example: "DataType": "boolean"
Value	Mandatory	Boolean	Example: "Value": false

Number selection

Number	Field	Data	Description
Id, DisplayName	Mandatory	String	See Elements table
DataType	Mandatory	String	Example: "DataType": "number"
Value	Mandatory	Number	Example: "Value": 42
Options -> Minimum	Optional	Number	Specify the minimum value in the number selection Example: "Minimum": 1.0
Options -> Maximum	Optional	Number	Specify the maximum value in the number selection Example: "Maximum": 999
Options -> StepSize	Optional	Number	Specify the rounding value in the number selection Example: "StepSize": 0.1

Color selection

Setting	Field	Data	Description
Id, DisplayName	Mandatory	String	See Elements table
DataType	Mandatory	String	Example: "DataType": "color"

Value	Mandatory	String	Specify a color in RGB hex format starting with # Example: "Value": "#FF0000"
Options -> UseRGBA	Optional	Boolean	Use this option to use RGBA format such as rgba(255,0,0,1) Example: "UseRGBA": true

Date

Setting	Field	Data	Description
Id, DisplayName	Mandatory	String	See Elements table
DataType	Mandatory	String	Example: "DataType": "date"
Value	Mandatory	String	Specify a date in the following format: YYYY-MM-DDThh:mm:ss Example: "Value": "2015-09-13T00:00:00"
Options -> MinDate	Optional	String	Specify the minimum date before which no data is allowed YYYY-MM-DDThh:mm:ss, or set Today for the current date Example: "MinDate": "Today"
Options -> MaxDate	Optional	String	Specify the maximum date after which no data is allowed YYYY-MM-DDThh:mm:ss, or set Today for the current date Example: "MaxDate": "Today"

Time

Setting	Field	Data	Description
Id, DisplayName	Mandatory	String	See Elements table
DataType	Mandatory	String	Example: "DataType": "time"

Value	Mandatory	String	Use this as a time counter that displays the time Examples: "Value": "13:59:57" or "Value": "13:5
Options -> WithSeconds	Optional	Boolean	Specify whether the time stepper is displayed w Example: "WithSeconds": true

Dropdowns

Setting	Field	Data	Description
Id, DisplayName	Mandatory	String	See Elements table
DataType	Mandatory	String	Example: "DataType": "list"
Items	Mandatory	Array	Example: <pre>"Items": ["Cow", "Horse", "Sloth"]</pre>
Value	Mandatory	Array	Saves the entry from the Items array in the no Example: "Value": "Horse"
Translations	Optional	Object	Specify translations for each value in Translati Example: <pre>"Translations": { "de": { "DisplayName": "Irgendein Liste", "Cow": "Kuh", "Horse": "Pferd", "Sloth": "Faultier" } }</pre>

Options -> searchEnabled	Optional	Boolean	Use this option to make the dropdown in the H Example: "searchEnabled": true
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Simple text inputs

Setting	Field	Data	Description
Id, DisplayName	Mandatory	String	See Elements table
DataType	Mandatory	String	Example: "DataType": "simpleText"
Value	Mandatory	Array	Specify an array of objects that each have a text property in w Example: <pre> "Value": [{ "SpotId": 1, "Clipping": { "Width": 533, "Height": 300, "X": -200, "Y": -500 }, { "SpotId": 2, "Clipping": { "Width": 1920, "Height": 1080, "X": 0, "Y": 0 }, { "SpotId": 2, }] </pre>
Options -> NumberOfInstances	Optional	Integer	Specify how many instances of a text input a user can create can't create other instances. Example: "NumberOfInstances": 1

Options -> MultilineSize	Optional	Integer	Specify how large the text input is displayed. That is, how many lines of text can be entered without a line break. Example: "MultilineSize": 4
Options -> MaxChars	Optional	Integer	Specify how many characters the user can set. Excess text can be truncated. Example: "MaxChars": 120
Options -> Required	Optional	Boolean	Enforce that something must be entered in the text field. Example: "Required": true
Options -> ValidationRegExp	Optional	String	Specify a regular expression that must be met to save the spot. The expression can be translated in the translations. Note that backslashes must be escaped. Example: "ValidationRegExp": "[\\d]*"
Options -> ValidationRegExpDescription	Optional	String	Specify an error message for the regular expression. The message can be translated in the translations. Example: "ValidationRegExpDescription": "Only numbers are allowed"

Link pictures from media management

Media	Field	Data	Description
Id, DisplayName	Mandatory	String	See Elements table
DataType	Mandatory	String	Example: "DataType": "media"

Value	Mandatory	Array of objects	<p>Specify an array of objects that contain media references clipping of the medium.</p> <p>Example:</p> <pre> "Value": [{ "SpotId": 1, "Clipping": { "Width": 533, "Height": 300, "X": -200, "Y": -500 }, { "SpotId": 2, "Clipping": { "Width": 1920, "Height": 1080, "X": 0, "Y": 0 }, { "SpotId": 2, }] </pre>
Options RestrictedMediaTypeIdList	-> Optional	Array of strings	<p>Specify which type of media can be selected from the media</p> <p>The following are valid values: Video, Picture, Mp3</p> <p>Example: "RestrictedMediaTypeIdList": ["Picture"]</p>
Options -> UseClipping	Optional	Object	<p>Enable clipping in the HTML Wizard by specifying the resolution</p> <p>Example:</p> <pre> "UseClipping": { "Width": 400, "Height": 300 } </pre>

Options -> UseClipping -> LinkedToSpotResolution	Optional	Object	<p>Use this option to link clipping of a medium with the PossibleResolutions.</p> <ul style="list-style-type: none"> • To enable the option, set Active to true. • To set the clipping window size to the resolution of the sp <p>You can set the clipping to an optional number of different s the clipping window has a different aspect ratio than the sp must be identical with the width and height in PossibleResolu</p> <p>Example:</p> <pre> "UseClipping": { "Width": 400, "Height": 300, "LinkedToSpotResolution": { "Active": true, "Mappings": { "1920x1080": { "Width": 400, "Height": 300 }, "1080x1920": { "Width": 200, "Height": 600 } } } } </pre>
Options -> NumberOfInstances	Optional	Integer	<p>Specify how many instances of the media a user can create and can't create other instances of media. This feature is hel</p> <p>Example: "NumberOfInstances": 3</p>

HTML text input

Setting	Field	Data	Description
Id, DisplayName	Mandatory	String	See Elements table
DataType	Mandatory	String	Example: "DataType": "htmlText"

Value	Mandatory	String	<p>This value is set by the HTML editor co</p> <p>Example:</p> <pre>"Value": "<div style=\"le font-family: Arial';font-s The new html texteditor</pre>
Options -> MultilineSize	Optional	Integer	<p>Specify how large the text input is disp without a line break.</p> <p>Example: "MultilineSize": 4</p>
Options -> MaxChars	Optional	Integer	<p>Specify how many characters this user</p> <p>Example: "MaxChars": 120</p>
Options -> UseFontFromFontList	Optional	Boolean	<p>Specify that the server can use fonts. T</p> <p>Example: "UseFontFromFontList": true</p>
Options -> ValidationRegExp	Optional	String	<p>Specify a regular expression that mus which can be translated in Translations</p> <p>Example: "ValidationRegExp": "[\d]*"</p>
Options -> ValidationRegExpDescription	Optional	String	<p>Specify the error message for the regu</p> <p>Example: "ValidationRegExpDescription</p>
Options -> BackgroundColor	Optional	String	<p>Specify a color to tone the background</p> <p>Example: "FontColor": "#F7F700"</p>
Options -> FontColor	Optional	String	<p>Specify a font color that is initially used</p> <p>Example: "FontColor": "#800080"</p>
Options -> HideTextInput	Optional	Boolean	<p>Use this option to hide the text entry bo</p> <p>Example: "HideTextInput": true</p>
Options -> HideSizeInput	Optional	Boolean	<p>Use this option to hide the parameters</p> <p>Example: "HideSizeInput": true</p>

Options -> HideColorInput	Optional	Boolean	Use this option to hide the parameters Example: "HideColorInput": true
Options -> HideLineHeightInput	Optional	Boolean	Use this option to hide the parameters Example: "HideLineHeightInput": true
Options -> HideLetterSpacingInput	Optional	Boolean	Use this option to hide the parameters Example: "HideLetterSpacingInput": true
Options -> HidePaddingInput	Optional	Boolean	Use this option to hide the parameters Example: "HidePaddingInput": true
Options -> HideBoldInput	Optional	Boolean	Use this option to hide the parameters Example: "HideBoldInput": true
Options -> HideItalicInput	Optional	Boolean	Use this option to hide the parameters Example: "HideItalicInput": true
Options -> HideUnderlineInput	Optional	Boolean	Use this option to hide the parameters Example: "HideUnderlineInput": true
Options -> DefaultFontFamily	Optional	String	Specify the default font. The value corresponding to the font in the dropdown menu is selected Example: "DefaultFontFamily": "Open Sans"

Fonts

To design your spots, you can use fonts from the global font management and media from the media management.

You must add fonts that users select in IXM One under `htmlText` elements to the spot document. To do so, use the function **insertFontListCss** which is available in the WizardBase. This function should be invoked when `htmlText` elements are used.

gfWizardBase.insertFontListCss(ascData, returnFunction);

Function	Adds the CSS styles to the fonts used in the <code>htmlText</code> elements to the document of the spot.
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Parameter	ascData [optional] : can be used to manually transfer the ascData from which the font information is taken returnFunction [optional] : is requested as soon as all fonts are loaded. It's also requested when fonts c
Examples	gfWizardBase.insertFontListCss(ascData, returnFunction);
WebFont	<p>To ensure that the spot only shows data when the fonts are loaded, include the library WebFont.</p> <p>The WizardBase uses this library to add the fonts. The returnFunction is only requested after it is loaded. The returnFunction is invoked.</p> <p>Without this library, it's possible that text is briefly displayed without the correct font.</p> <p>Source: https://github.com/typekit/webfontloader</p>
WizardBase Version	<p>Before version 2.0.1.0, the function was invoked without parameters.</p> <p>As of version 2.0.1.0, the parameters ascData and returnFunction are available as options.</p>
Player	Windows/Linux, Android

Content

Don't edit the content node and ensure that it's empty before uploading. The HTML Wizard sets references to the used fonts and media and saves them here.

Setting	Field	Data	Description
Content->FontList	Optional	Array of objects	Fonts used in HTML text inputs, if UseFontFromFontList is checked
Content->MediaList	Optional	Array of objects	Specifies media used, which is referenced in media elements
Content->MainMedia	Optional	Object	The reference to the index.html of the website spot. It is used for the main media element

Prior to the upload, content is empty:

"Content": {}

For testing, you can enter values in the following way:

```
"Content": {
  "FontList": [
    {
      "SpotId": 11,
```

```
    "FileName": "SampleFont.zip",
    "FullFilePath": "./fonts/FantasqueSansMono/style.css"
  },
],
"MediaList": [
  {
    "SpotId": 1,
    "FullFilePath": "./media/1_picture.jpg",
    "FileName": "1_picture.jpg",
    "MediaType": "Picture",
    "Width": 640,
    "Height": 480
  },
  "MainMedia": {
    "FileName": "DemoSpot",
    "FullFilePath": "",
    "MediaType": "Html",
    "SpotId": 13
  }
}
```