DIAView

Multi-language settings

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2020/06/12

Outline

- Multi-language overview

- Multi-language configuration

- Globalization script

Purpose

After this chapter, you will learn...

… Basic operation and management of multiple languages

… The use of global scripts

Outline

- **Multi-language overview**

- Multi-language configuration

- Globalization script

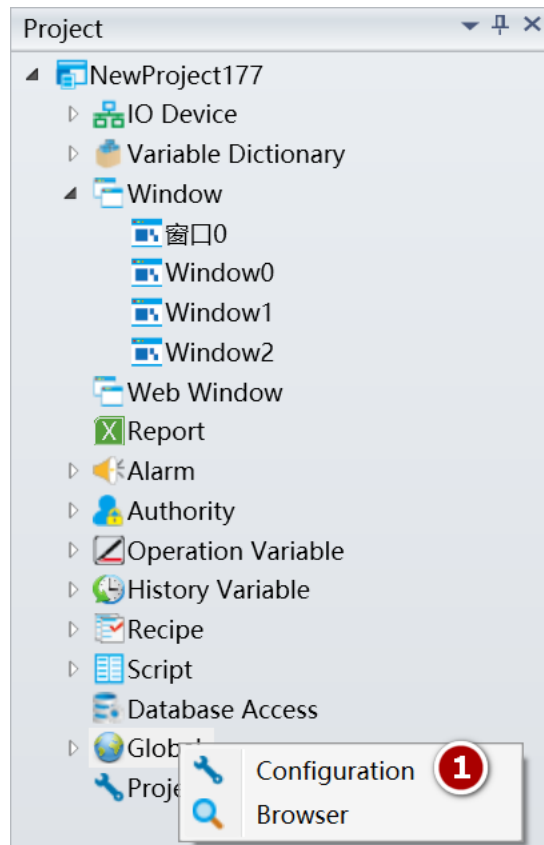# Multi-language overview

- ➢ **DIAView Multi-language overview**
  - Globalization provides users with the ability to extract the content of each functional module into the Multi-language resource list during development, and edit the extracted resources to achieve the function of freely switching between multiple languages in the **run-time** screen.
  - The currently supported Multi-language resource types are: **string, picture, sound**.

- Multi-language overview

- **Multi-language configuration**

- Globalization script

Multi-language configuration

> **Basic operation example of multi-language configuration:**

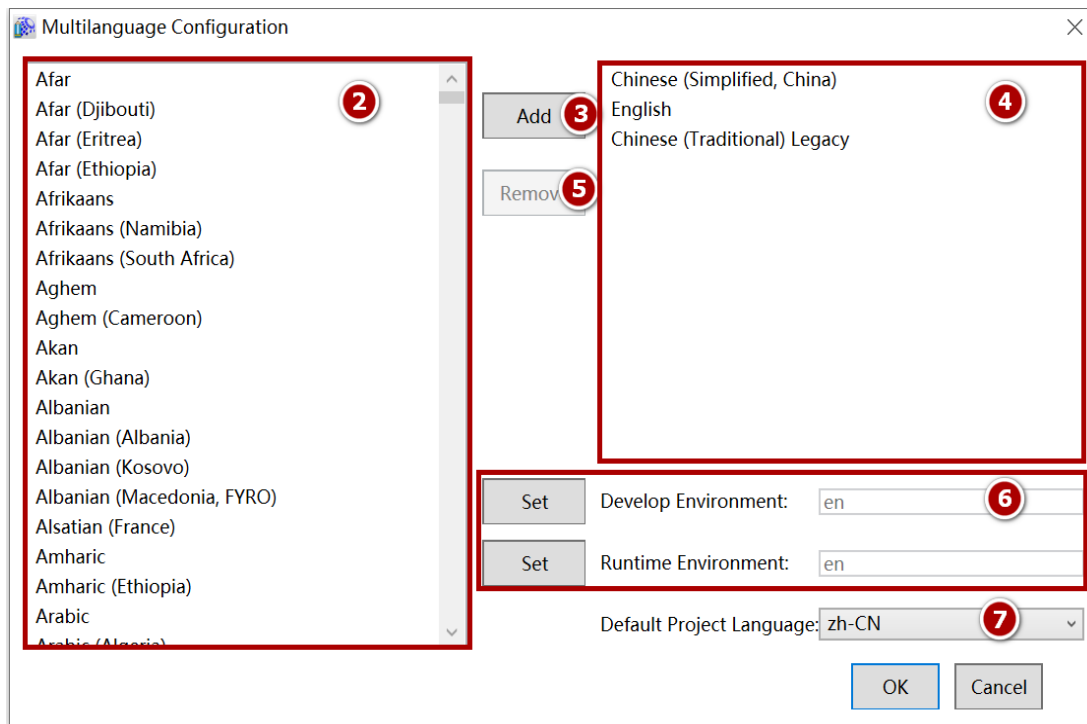① Right-click the "Global" icon to open the "Configuration" configuration interface.

Multi-language configuration

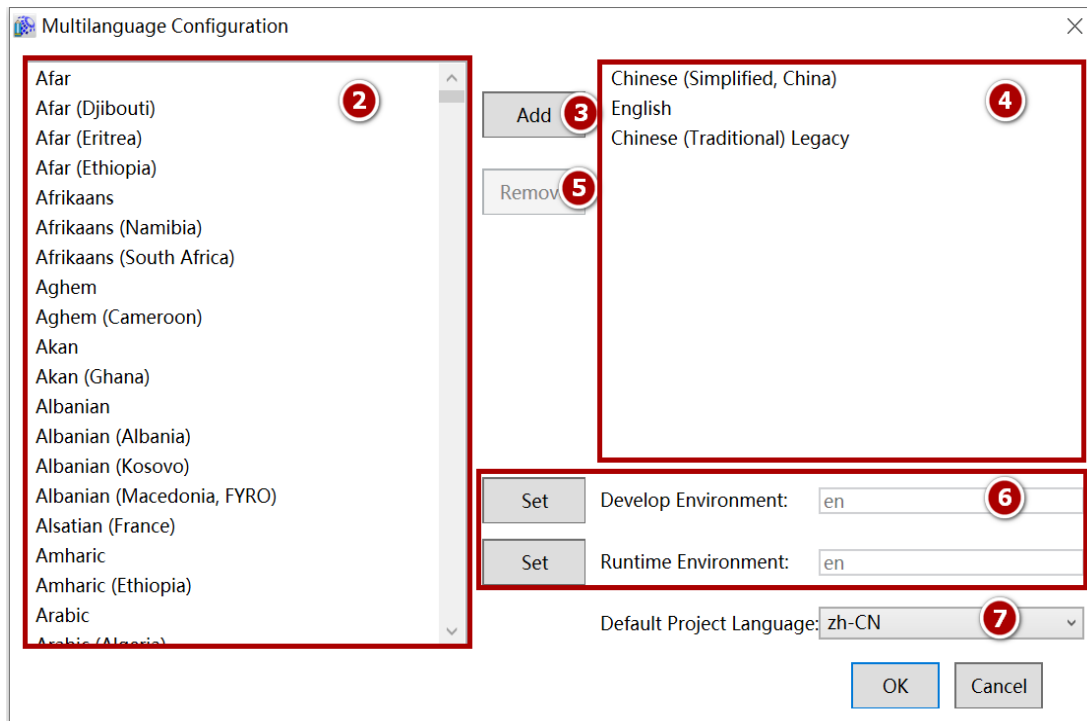➤ **Basic operation example of multi-language configuration:**

② Select the language you want to add in the language selection bar of the "Multilanguage Configuration" window.

③ Click the "ADD" button to add the required language to the global language bar.

④ The language type that the global language bar configuration is completed.

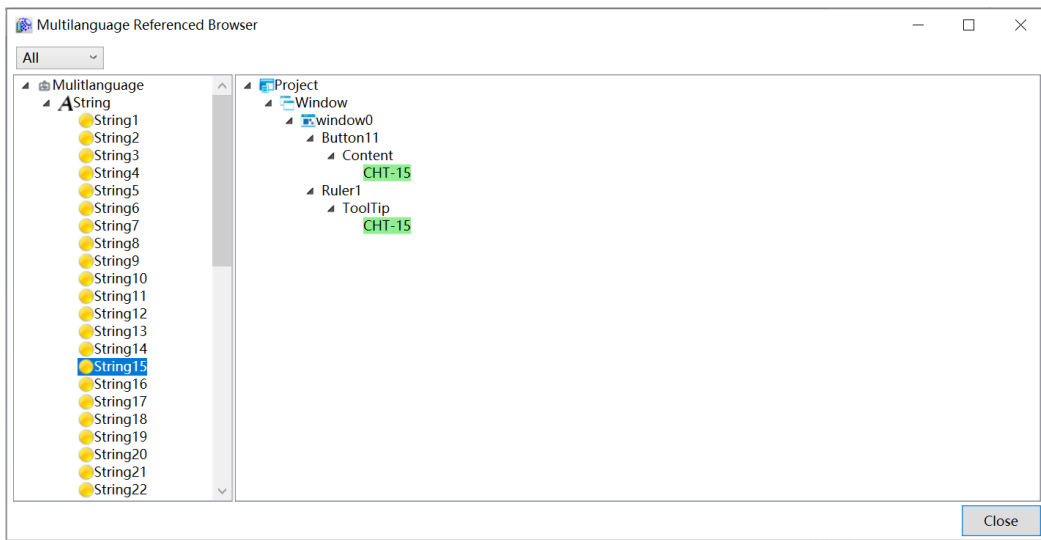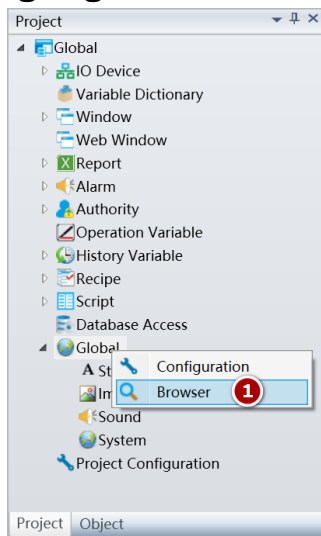⑤ Select a language in the global language field and click the "Remove" button to remove the unnecessary language.

Multi-language configuration

> **Basic operation example of multi-language configuration:**

⑆ Select a language in the global language column, and click "Set" on the left side of the development environment and execution environment to set the default language of the environment.

⑇ Select a language in the project preset language column to set the default language of the project. Currently, the preset language supports Chinese Simplified, Chinese Traditional and English.

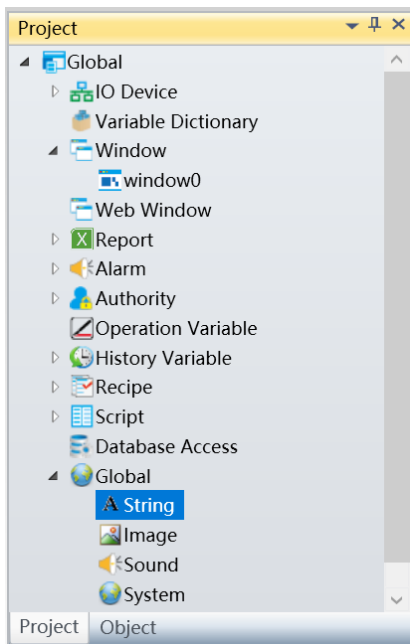# Multi-language configuration

➤ **Multi-language citation browsing**

① Right-click the "Global" icon to open the **"Browser"** Multi-language reference browsing window.

- On the left side of the multi-language reference browsing table is a multi-language tree directory, and on the right is the multi-language resource reference display window.

- In the tree-like directory on the left, the round symbol in front of the resource is **"yellow"** to indicate that the resource has been referenced, and "gray" to indicate that it has not been referenced.

- Select the resource to be viewed in the tree directory on the left, and the multi-language reference display window on the right will display all the objects in the project that use the resource.

Multi-language configuration

> **Multi-language string configuration**

- The **string** is a **text-type** resource library in the globalization function, and the user can customize it for editing.
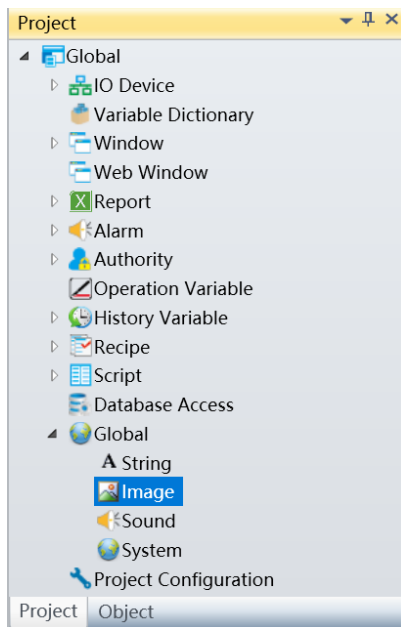

For the basic operation of multi-language character strings, please refer to "18.4 Character Strings" in the user manual.

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Multi-language configuration

➢ **Multi-language Image configuration**

- The **Image** is the resource library of the picture path in the globalization

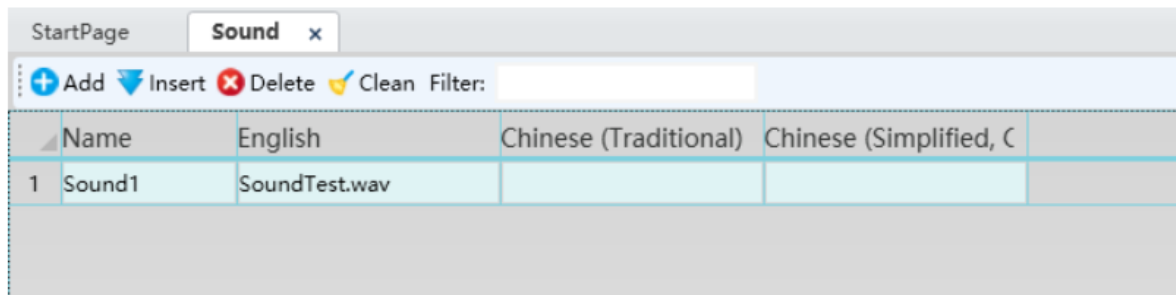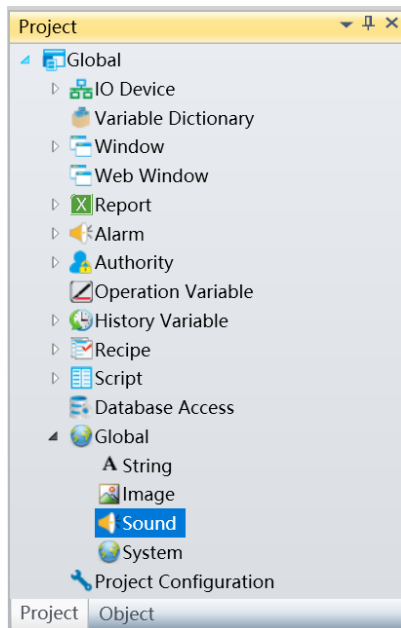 function, and the user can customize and edit it.

	Name	Chinese (Traditional)	English	Chinese (Simplified, C	Akan
1	Image1	DefaultImage.jpg	桌面.jpg	57r58PICPiY_1024.jpg	timg1.jpg
2	Image2	DefaultGif.gif	timg.gif	timgBBK7H1YB.gif	timg1.gif

For the basic operation of multi-language Image, see "18.5 Pictures" in the user manual.

> **Multi-language Sound configuration**

- **Sound** is a sound resource library in the globalization function, and users

  can customize it.

	Name	English	Chinese (Traditional)	Chinese (Simplified, C
1	Sound1	SoundTest.wav		

For the basic operation of Multi-language sound, please refer to "18.6 Sound" in the user manual.

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Multi-language configuration

➤ **Multi-language system operation configuration**

- **System multi-language** means that the **system text** in the window is displayed in the specified language. The system multi-language includes the contents of the menu bar and drop-down box of advanced controls, and the menu bar at runtime.

	Name	Chinese (Traditional)	English	Chinese (Simplified, C	Akan
1	HMI_WebBrowse	就緒	Be Ready	就绪	
2	HMI_WebBrowse	完成	Finish	完成	
3	HMI_WebBrowse	響應......	Response......	响应......	
4	HMI_WebBrowse	網址	Address	地址	
5	HMI_WebBrowse	後退	GoBack	后退	
6	HMI_WebBrowse	前進	GoForward	前进	
7	HMI_WebBrowse	轉到	GoSearch	转到	
8	HMI_WebBrowse	首頁	HomePage	主页	

For the basic operation of Multi-language sounds, please refer to the user manual "18.7 System Multi-language".

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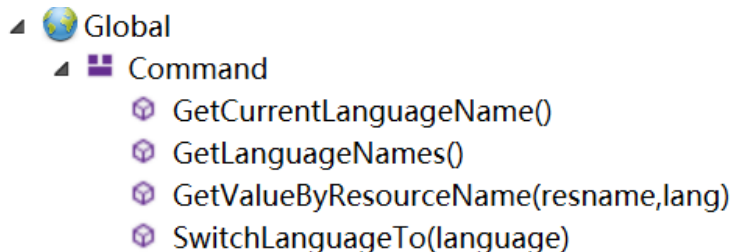➢ **Switch language operation on execution**

- When the system is running, users can switch between multiple languages in the following ways:

- Multi-language overview

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> **Global public approach**

- When users configure window button events, screen programs, and user program scripts, DIAView provides simple and easy-to-use script properties and methods to complete some special tasks and functions.

```
⊿ 🌐 Global
   ⊿ ▦ Command
        ⬡ GetCurrentLanguageName()
        ⬡ GetLanguageNames()
        ⬡ GetValueByResourceName(resname,lang)
        ⬡ SwitchLanguageTo(language)
```

The basic operation instructions of the globalization script are detailed in the user manual "20.3 Script Syntax and Functions → Programming Model → Globalization".

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