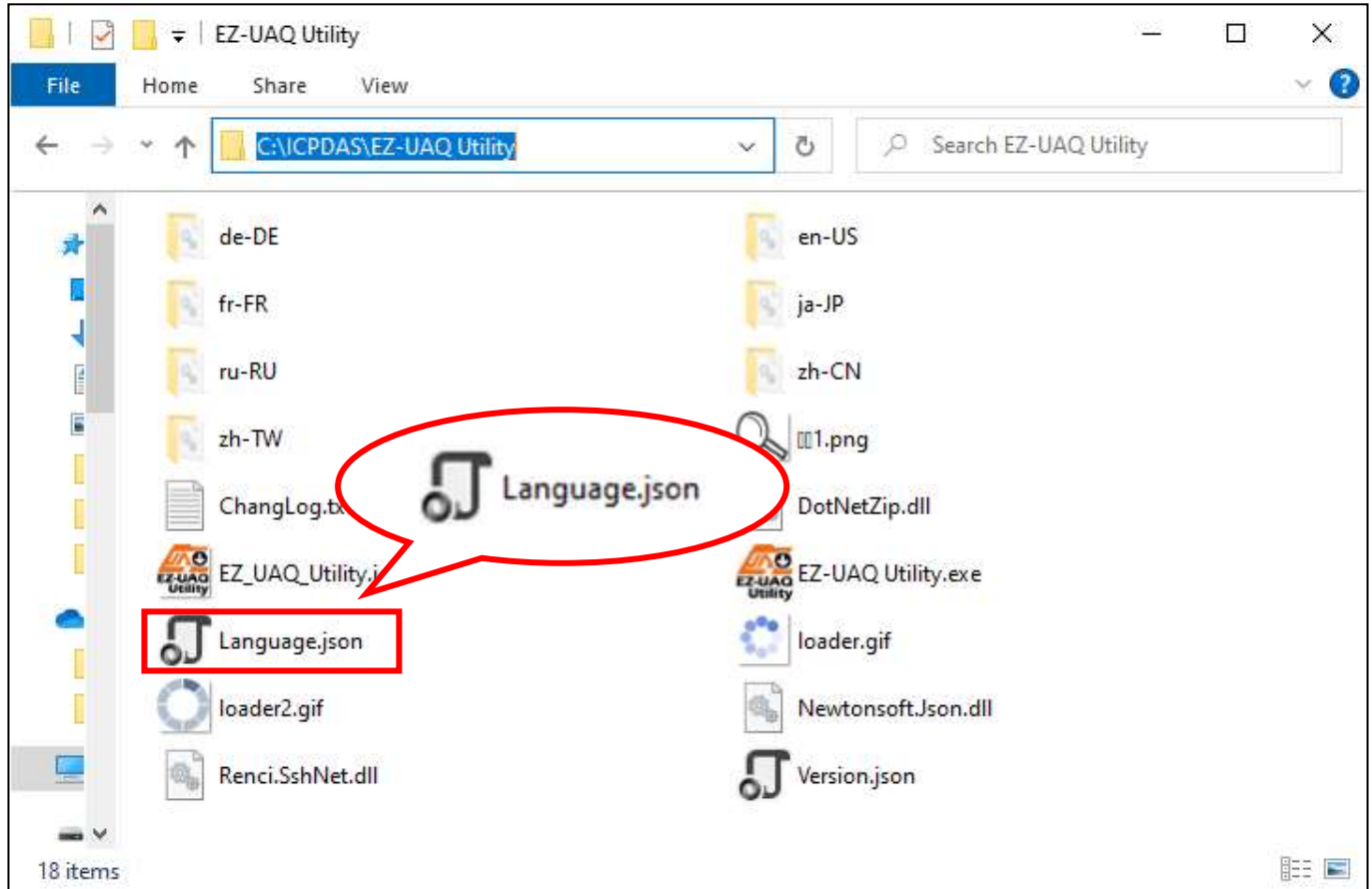


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● How to add other languages ?

The EZ-UAQ Utility installation path will be on the user's computer, located in the EZ-UAQ Utility folder in the ICPDAS folder in the system slot. This article uses adding Japanese as an example.



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Step 1:

Copy the Language.json file in the EZ-UAQ Utility folder to another location, and then open the file with a text editor.

```

Language.json - Notepad
File Edit Format View Help
"en-US": {
  "Language": "English",
  "About": "About",
  "Search_Module": "Search Module",
  "Language_family": "Language:",
  "Inquire": "Module",
  "Message_Prompt": "Double click on Module Name or IP Address to open the web interface of Module.",
  "Searched_Module_name": "Select Module",
  "Product_Page": "Product Page",
  "hid_Menu": "hide",
  "unhide_all_Menu": "unhide all",
  "Import_CSV": "Import Search Information",
  "Save_CSV": "Export Search Information",
  "Basic_Function": "Basic Function",
  "Label_Update_Firmware": "File path:",
  "Upload_File_Update": "Update Firmware",
  "Download_Project_File": "Download Project",
  "Download_LOG_File": "Download Log",
  "Loding_word_Search": "Searching ... ",
  "Loding_word_Upload_Update_firmware": "Updating the module(s) firmware, please wait",
  "Loding_word_Downloading_Project": "Downloading project file, please wait",
  "Loding_word_Downloading_Log": "Download Log file, please wait",
  "Loding_word_Upload_Update_Project": "Updating the module(s) project, please wait",
  "Import_CSV_Error_Message": "The imported CSV file is malformed",
  "Save_CSV_Successful_Message": "Archived successfully",
  "Save_CSV_Fail_Message": "Archived failed",
  "Search_Device_Message": "There is no module(s) information in the table",
  "IP_MAC_Conflict_Message": "IP Address And Mac Address Conflict",
  "IP_Address_Conflict_Message": "IP Address Conflict",
  "MAC_Address_Conflict_Message": "Mac Address Conflict",
  "Downloa_Log_Project_Message": "Download successful",
  "Tick_Same_Modules_Message": "Please check the same series of module(s)",
  "Select_Updated_File_Message": "Please select an updated file",
  "Tick_Devices_Updated_Message": "Tick the module(s) that need to be updated",
  "Updated_Devices_Different_Message": "The updated file is different from the selected module(s) series",
  "Check_Models_Same_Message": "Please confirm whether the selected module(s) are the same",
  "Firmware_Update_Success": "Update successful",
  "Device_busy_Message": "Unable to open the SFTP port(please check SD card)",
  "Download_Fail_Message": "Download fail",
  "Unable_Upload_Message": "Unable to upload",
  "Upload_Fail_Message": "Upload fail",
  "Unable_download_Message": "Unable to download",
  "No_Project_Files_Message": "The remote module(s) does not have any project files",
  "NO_LOG_File_Message": "The remote module(s) does not have any LOG files",
  "NO_Profile_File_Message": "The remote module(s) does not have any profile",
  "Update_Fail_Message": "Update Fail",
  "Update_File_Corrupted_Message": "There is a problem with the file",
  "Server_Connect_not_responding_Message": "Server not responding",
  "Search_Error": "No UA, UA-I/O, and BRK modules found",
  "Check_download_module_Message": "Please check to download the file module(s)".
}
Ln 1, Col 1    100%    Windows (CRLF)    UTF-8

```

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Step 2:

Please copy the block [,"en-US": to }]. As shown below:

```

},
  "en-US": {
    "Language": "English",
    "About": "About",
    "Search_Module": "Search Module",
    "Language_family": "Language:",
    "Inquire": "Module",
    "Message_Prompt": "Double click on Module Name or IP Address to open the web interface of Module.",
    "Searched_Module_name": "Select Module",
    "Product_Page": "Product Page",
    "hid_Menu": "hide",
    "unhide_all_Menu": "unhide all",
    "Import_CSV": "Import Search Information",
    "Save_CSV": "Export Search Information",
    "Basic_Function": "Basic Function",
    "Label_Update_Firmware": "File path:",
    "Upload_File_Update": "Update Firmware",
    "Download_Project_File": "Download Project",
    "Download_LOG_File": "Download Log",
    "Loding_word_Search": "Searching ...",
    "Loding_word_Upload_Update_firmware": "Updating the module(s) firmware, please wait",
    "Loding_word_Downloading_Project": "Downloading project file, please wait",
    "Loding_word_Downloading_Log": "Download Log file, please wait",
    "Loding_word_Upload_Update_Project": "Updating the module(s) project, please wait",
    "Import_CSV_Error_Message": "The imported CSV file is malformed",
    "Save_CSV_Successful_Message": "Archived successfully",
    "Save_CSV_Fail_Message": "Archived failed",
    "Search_Device_Message": "There is no module(s) information in the table",
    "IP_MAC_Conflict_Message": "IP Address And Mac Address Conflict",
    "IP_Address_Conflict_Message": "IP Address Conflict",
    "MAC_Address_Conflict_Message": "Mac Address Conflict",
    "Downloa_Log_Project_Message": "Download successful",
    "Tick_Same_Modules_Message": "Please check the same series of module(s)",
    "Select_Updated_File_Message": "Please select an updated file",
    "Tick_Devices_Updated_Message": "Tick the module(s) that need to be updated",
    "Updated_Devices_Different_Message": "The updated file is different from the selected module(s) series",
    "Check_Models_Same_Message": "Please confirm whether the selected module(s) are the same",
    "Firmware_Update_Success": "Update successful",
    "Device_busy_Message": "Unable to open the SFTP port(please check SD card)",
    "Download_Fail_Message": "Download fail",
    "Unable_Upload_Message": "Unable to upload",
    "Upload_Fail_Message": "Upload fail",
    "Unable_download_Message": "Unable to download",
    "No_Project_Files_Message": "The remote module(s) does not have any project files",
    "NO_LOG_File_Message": "The remote module(s) does not have any LOG files",
    "NO_Profile_File_Message": "The remote module(s) does not have any profile",
    "Update_Fail_Message": "Update Fail",
    "Update_File_Corrupted_Message": "There is a problem with the file",
    "Server_Connect_not_responding_Message": "Server not responding",
    "Search_Error": "No UA, UA-I/O, and BRK modules found",
    "Check_download_module_Message": "Please check to download the file module(s)",
    "detailed_information": "Module Details",
    "Server_Receive_not_responding_Message": "Unable to receive messages from the server",
    "Confirm_upload_file_Message": "Please confirm whether the size of the uploaded file exceeds 100kb",
    "Loding_word_Downloading_Profile": "Downloading the Modbus and OPC UA configuration file, please wait",
    "Upload_project_And_Update": "Update Project",
    "Download_Profile": "Download Modbus and OPC UA Configuration",
    "Loding_word_Get_Port_Protocol": "Get module(s) details",
    "Reduce_Performance_Modules": "Please tick Reduce Performance Modules",
    "Module_drop_performance": "Reduce CPU usage",
    "Potency_reduction_success": "CPU usage reduction success",
    "Performance_reduction_failed": "CPU usage reduction failed",
    "Not_Support_Feature_Message": "This version does not support this feature",
    "detailed_information_Message": "Unchecked any module(s), unable to get detailed information",
    "Advanced_Features": "Advanced Function",
    "Update_Function": "Upload Function",
    "Download_Function": "Download Function",
    "Storage_path": "Storage path:",
    "Password_error_Message": "Password error no response",
    "Please_enter_password": "Please enter password"
  }
}

```

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Step 3:

Then paste the copied format after the "en-US": symbol } below the end of the text. As shown below:

```

    "Not_Support_Feature_Message": "This version does not support this feature",
    "detailed_information_Message": "Unchecked any module(s), unable to get detailed information",
    "Advanced_Features": "Advanced Function",
    "Update_Function": "Upload Function",
    "Download_Function": "Download Function",
    "Storage_path": "Storage path:",
    "Password_error_Message": "Password error no response",
    "Please_enter_password": "Please enter password"
  }
}

```

Step 4:

Then change the copied English language "en-US": to Japanese "Japanese";, as shown below:

```

"Storage_path": "Storage path:",
"Password_error_Message": "Password error no response",
"Please_enter_password": "Please enter password"
},
"Japanese": {
  "Language": "English",
  "About": "About",
  "Search_Module": "Search Module",
  "Language_family": "Language:",
  "Inquire": "Module",
  "Message_Prompt": "Double click on Module Name or IP Address to open the web interface of Module.",
  "Searched_Module_name": "Select Module",
  "Product_Page": "Product Page",
  "hid_Menu": "hide",
  "unhide_all_Menu": "unhide all",
  "Import_CSV": "Import Search Information",
  "Save_CSV": "Export Search Information",
  "Basic_Function": "Basic Function",
  "Label_Update_Firmware": "File path:",
  "Upload_File_Update": "Update Firmware",
  "Download_Project_File": "Download Project",
  "Download_LOG_File": "Download Log",
  "Loding_word_Search": "Searching ... ",
  "Loding_word_Upload_Update_firmware": "Updating the module(s) firmware, please wait",
  "Loding_word_Downloading_Project": "Downloading project file, please wait",
  "Loding_word_Downloading_Log": "Download Log file, please wait",
  "Loding_word_Upload_Update_Project": "Updating the module(s) project, please wait",
  "Import_CSV_Error_Message": "The imported CSV file is malformed",
  "Save_CSV_Successful_Message": "Archived successfully",
  "Save_CSV_Fail_Message": "Archived failed",
}

```

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Step 5:

Then change ("Language": "English",) under Japanese "Japanese" to ("Language": "日本語",), as shown below:

```

"Storage_path": "Storage path:",
"Password_error_Message": "Password error no response",
"Please_enter_password": "Please enter password"
},
"Japanese": {
  "Language": "日本語",
  "About": "About",
  "Search_Module": "Search Module",
  "Language_family": "Language:",
  "Inquire": "Module",
  "Message_Prompt": "Double click on Module Name or IP Address to open the web interface of Module.",
  "Searched_Module_name": "Select Module",
  "Product_Page": "Product Page",
  "hid_Menu": "hide",
  "unhide_all_Menu": "unhide all",
  "Import_CSV": "Import Search Information",
  "Save_CSV": "Export Search Information",
  "Basic_Function": "Basic Function",
  "Label_Update_Firmware": "File path:",
  "Upload_File_Update": "Update Firmware",
  "Download_Project_File": "Download Project",
  "Download_LOG_File": "Download Log",
  "Loding_word_Search": "Searching ... ",
  "Loding_word_Upload_Update_firmware": "Updating the module(s) firmware, please wait",
  "Loding_word_Downloading_Project": "Downloading project file, please wait",
  "Loding_word_Downloading_Log": "Download Log file, please wait",
  "Loding_word_Upload_Update_Project": "Updating the module(s) project, please wait",
  "Import_CSV_Error_Message": "The imported CSV file is malformed",
  "Save_CSV_Successful_Message": "Archived successfully",
  "Save_CSV_Fail_Message": "Archived failed",

```

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Step 6:

Then change the software interface words in sequence (such as ""The middle text is buttons and messages) to Japanese (or other required languages). As shown below:

```

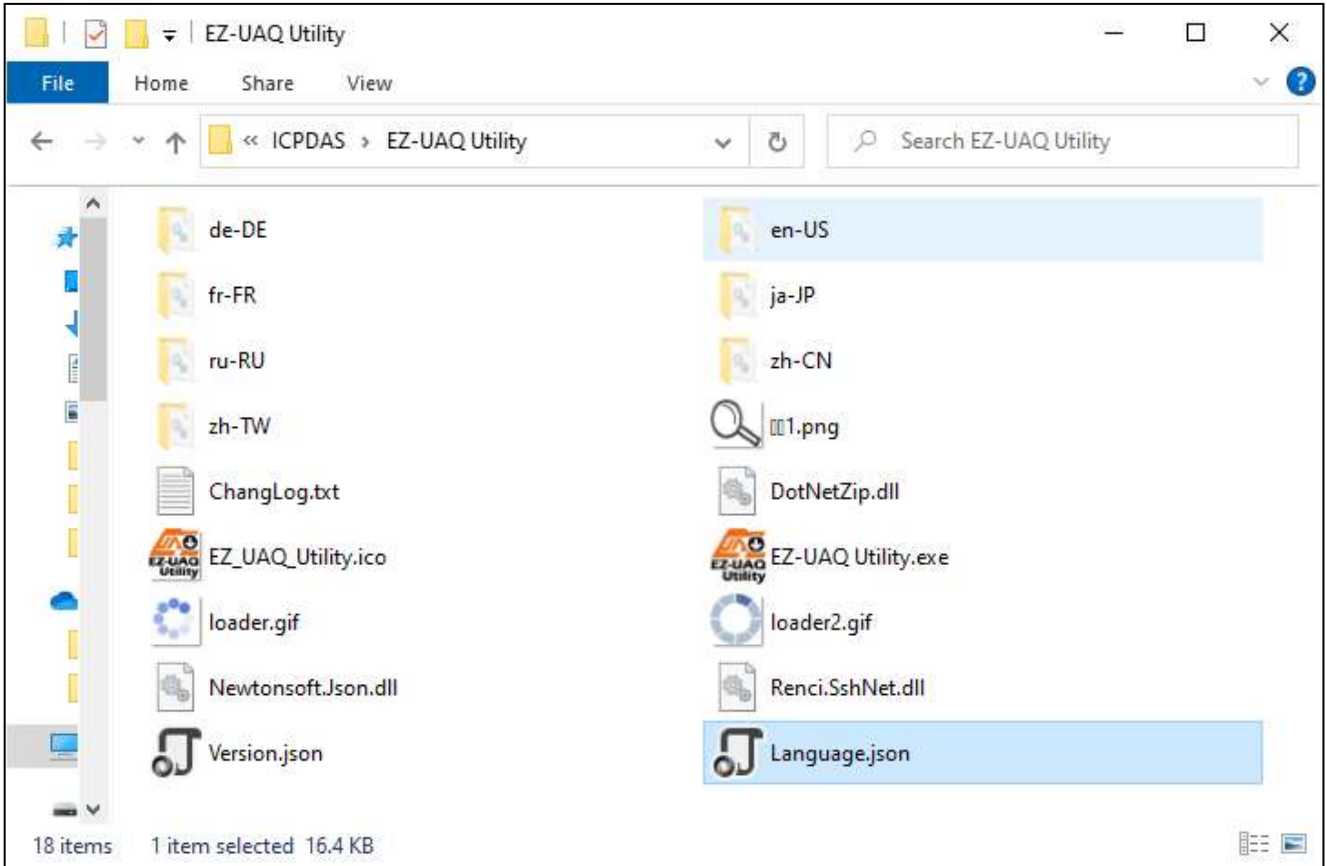
"Language.json - Notepad
File Edit Format View Help
{
  "No_Project_Files_Message": "リモート モジュールにはプロジェクト ファイルがありません",
  "NO_LOG_File_Message": "リモート モジュールには LOG ファイルがありません",
  "NO_Profile_File_Message": "リモート モジュールにはプロファイルがありません",
  "Update_Fail_Message": "アップデート失敗",
  "Update_File_Corrupted_Message": "ファイルに問題があります",
  "Server_Connect_not_responding_Message": "サーバーが応答しません",
  "Search_Error": "UA、UA-I/O、および BRK モジュールが見つかりません",
  "Check_download_module_Message": "ファイルモジュールをダウンロードするにはチェックを入れてください",
  "detailed_information": "モジュールの詳細",
  "Server_Receive_not_responding_Message": "サーバーからメッセージを受信できません",
  "Confirm_upload_file_Message": "アップロードしたファイルのサイズが100kbを超えていないか確認してくださ",
  "Loding_word_Downloading_Profile": "Modbus および OPC UA 構成ファイルをダウンロードしています。お待ち",
  "Upload_project_And_Update": "プロジェクトを更新する",
  "Download_Profile": "Modbus および OPC UA 構成をダウンロードする",
  "Loding_word_Get_Port_Protocol": "モジュールの詳細を取得する",
  "Reduce_Performance_Modules": "「パフォーマンスモジュールを減らす」にチェックを入れてください",
  "Module_drop_performance": "CPU使用率を削減する",
  "Potency_reduction_success": "CPU使用率の削減に成功",
  "Performance_reduction_failed": "CPU使用率の削減に失敗しました",
  "Not_Support_Feature_Message": "このバージョンはこの機能をサポートしていません",
  "detailed_information_Message": "モジュールのチェックが外されているため、詳細情報を取得できません",
  "Advanced_Features": "先進的な機能",
  "Update_Function": "アップロード機能",
  "Download_Function": "ダウンロード機能",
  "Storage_path": "ストレージパス",
  "Password_error_Message": "パスワードエラー応答なし",
  "Please_enter_password": "パスワードを入力してください"
}
Ln 280, Col 42    100%    Windows (CRLF)    UTF-8

```

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Step 7:

After the modification is completed, please save the file and place the modified file in the EZ-UAQ Utility installation path.



Step 8:

Then start the software, switch the language system to the newly added Japanese, and import the created language system.

