

ITScript Net® - OMNI™

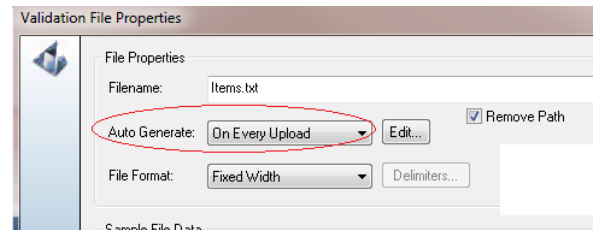
Validation Files ~ Update

VALIDATION FILES – OMNI Server Upload to Device:

To update/upload Validation (lookup) Files from the server/computer to the mobile scanner/device:

Set the validation file properties in the Program> Validation Files> Auto Generate selection to **Manual or OnEveryUpload*** and then use the **CreateValidationRemote** function within the program to retrieve the Validation File at a specific point in the program (such as in the on-click of a button), to call the function and generate and update/upload the file. This offers more flexibility and allows for more control, and will be faster as less communication will occur with the server.

*Will not work if Auto Generate in Validation Files setup is set to Remote - -
Must use Manual or OnEveryUpload.



CreateValidationRemote:

Syntax:	CreateValidationRemote(<File>, <Field1>, <Value1>, ...)
Parameters:	
<File>	Validation filename to create
<Field1>	Prompt or element name of the field in the collected data file
<Value1>	Value to match on
õ	You may specify up to 5 Field/Value pairs
Returns:	Returns the number of matching records
Examples:	CreateValidationRemote("val.txt", "sku", "12345") creates an updated validation file based on a defined validation file where the %sku+field is %12345+
Notes:	Creates a validation file on the remote server and copies it to the terminal. The filename without path should be in <File>. The fields to match are given in <Field1>, <Field2>, etc. The value of each field is given in <Value1>, <Value2>, etc. Up to 5 match fields can be specified in this way. The validation file must have been defined in the Validation Files screen, even if it is not being used on the Advanced Prompt Settings screen.

Normally, the CreateValidationRemote function is used where the OMNI Server on the computer will regenerate a Validation (lookup) file and automatically send it to the device. This function is more efficient than using the LoadProgram function for loading even a single validation file, and especially where there are indexes.

The OMNI Server will rebuild any indexes you have defined (in the Validation Files setup window) and then send the files to the device. This is useful if your validation file is exported from some other back-end system, as rebuilding the indexes is important. This allows you to make one function call to get a current file with up-to-date indexes to the device.

The OMNI Server opens and closes the database connection on each call to CreateValidationRemote or when generating validation files for upload. When the file is processed, the Omni Server opens the connection once at the start of the file, the connection is held open while each record is processed, and then closed at the end.

To view an example
of calling this function.



Please consult the ITScriptNet software User Guide for answers to questions.
If you are unable to find the answers you need, you can submit a question at
<http://www.zspace.com/SupportRequest.aspx>

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Omni

- FX CreateValidationRemote
- FX GetGSMSignalStrength
- FX GetRemoteFailCode
- FX GetWifiSignalStrength
- FX IsAssociated
- FX IsGSMRegistered
- FX OmniLoadProgram
- FX OmniSendCollectedData
- FX OmniUpdateClient

CreateValidationRemote[<file>, <Field1>, <Value1>, ...]

Creates a validation file on the remote server and copies it to the device. The filename without path should be in <file>. The fields to match are given in <Field1>, <Field2>, etc. The value of each field is given in <Value1>, <Value2>, etc. Up to 5 match fields can be specified in this way. The validation file must have been defined in the Validation Files screen, even if it is not being used on the Advanced Prompt Settings screen.

Returns the number of records in the resulting file.

Ex

```
CreateValidationRemote( "val.txt", "sku", "12345" )
Creates the validation file "val.txt", returning records where the "sku" field is equal to "12345".
```

```
Get the validation file(s) for this program.
should a transfer fail, allow user to try again.
Save the current file to a temporary file so it can be saved back/retained if the update fails
FileCopy("Locations.csv", "Locations_TEMP.csv", 1)
FileCopy("Employees.csv", "Employees_TEMP.csv", 1)
FileCopy("Options.csv", "Options_TEMP.csv", 1)
-----
generate and upload the files to the device
@LocFile@ = CreateValidationRemote("Locations.csv")
@EmployeesFile@ = CreateValidationRemote("Employees.csv")
@OptionsFile@ = CreateValidationRemote("Options.csv")
-----
the double-pipe is an OR
IF((@LocFile@ = 0) || (@EmployeesFile@ = 0) || (@OptionsFile@ = 0))
;check if the file(s) were updated properly.
;if they did not get updated/uploaded to the device,
;the files will not exist on the device,
;need to then put the saved files back to active use on device.
-----
@LocExist@ = FileExists("Locations.csv")
IF(@LocExist@ = 1)
FileDelete("Locations_TEMP.csv")
ELSE
FileRename("Locations_TEMP.csv", "Locations.csv")
ENDIF
-----
@EmpExist@ = FileExists("Employees.csv")
IF(@EmpExist@ = 1)
FileDelete("Employees_TEMP.csv")
ELSE
FileRename("Employees_TEMP.csv", "Employees.csv")
ENDIF
-----
@OptionsExist@ = FileExists("Options.csv")
IF(@OptionsExist@ = 1)
FileDelete("Options_TEMP.csv")
ELSE
FileRename("Options_TEMP.csv", "Options.csv")
ENDIF
-----
;Display message with option to try again
Buzz()
Buzz()
@FileMsg@ = Message("One or more files did NOT transfer successfully. Try again?", "ERROR", "<Yes>", "<No>")
IF(@FileMsg@ = 1)
Select("Login.bGetFiles", 0)
ELSE
SetFocus("Login.tbEmpID")
ENDIF
-----
EXIT
ELSE
GoToPrompt("Login", 0)
ENDIF
```

OK Cancel Check Syntax Help...

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