

3.10 Override INI Files

ITScriptNet has many settings for Validation Files, Collected Data, and more that can be overridden at runtime. This allows the developer to use a test database or directory structure, and then deploy the program to the production database and directories. These overrides are accomplished by the use of an Override INI File.

Override INI File

The Override INI File is a text file with the same name as the ITB program, but with a .INI extension. For example, if your program is 'Sample.itb', our override INI file would be 'Sample.ini'. When deployed, the INI file must be in the same directory as the ITB program. The INI file is used by the Upload utility, Download utilities, and OMNI Server to override the design-time values of the settings that can be changed. Any setting which is not specified simply uses the original value.

Structure

The INI file is divided into sections. Each section begins with the section name in square brackets. For example:

[Program]

There are sections for the program and GPS Tracking, and you may also specify one section for each validation file referenced by the program.

Program Section

The program section has the following override keys available:

DownloadMode

The type of data source to store the collected data. Corresponds to the options on the Configure Receive screen.

0 = Text File

1 = Excel

2 = Access

3 = ODBC

4 = SQL CE (Desktop)

Download

This option overrides the Database Connection String or data file name to be used. The meaning of the parameter depends on the Download Mode.

Text File, Excel, Access, SQL CE: Specifies the filename that will receive the downloaded data.

ODBC: Specifies the connection string to the database.

DownloadPath

This option specifies the path that temporary files should be placed in when downloading. Normally, downloaded files are placed in the ITB program directory. If you want to change the download path because of permissions issues or for any other reason, this parameter allows you to do that.

DownloadTable

This parameter allows you to override the table that the collected data will be placed in. The meaning of the parameter depends on the download mode.

Text File: This parameter does not apply.

Excel: Specifies the Sheet Name that will be used.

Access, SQL CE, ODBC: Specifies the Table name to use.

Prompt.Field Database Field

These parameters allow you to override the database field or field header that will be used for each prompt. The parameter is specified as Prompt.Field for each field that you want to override. For example,

Prompt1.Textbox1=TextField1

For Text Files (CSV), this parameter overrides the Header Text that will be placed in the file. For Access, ODBC, or SQL CE, this parameter overrides the Database Table field name that will be used to store the downloaded data for the field.

You can override the Alias or Timestamp fields by specifying their name as 'Alias' or 'Timestamp'.

GPS Tracking

This section is used to override the database connection string, table and field names used to store collected GPS Tracking data. The section name is:

[GPSTracking]

ConnectionString

Specifies the connection string to the database.

DatabaseTable

Specifies the name of the table in the database to use.

MapLatitude

The field name to receive the Latitude data.

MapLongitude

The field name to receive the Longitude data.

MapSpeed

The field name to receive the Speed data.

MapHeading

The field name to receive the Heading data.

MapAltitude

The field name to receive the Altitude data.

MapNumSatellites

The field name to receive the Number of Satellites data.

MapAlias

The field name to receive the Alias data.

MapTimestamp

The field name to receive the Timestamp data.

Validation Files

Each validation file can have its own section, named by the validation file name in square brackets. For example:

```
[ValidationFile.txt]
```

Each section can have the following parameters.

DataSource

This option only applies if the file is being auto-generated. This specifies the ODBC connection string used to connect to the data source.

AutoGenerate

Override the Auto-Generation mode for the validation file. Valid modes are:

0 = No Autogeneration

1 = Manual

2 = On Every Upload

3 = Remote

FilePath

Specify a full-qualified file name. This parameter overrides the path to the validation file. Do not change the file name of the file, or your lookups will not work. This parameter is intended just to override the path.

Sample File

Here is a sample of what an Override INI file might look like. Please note that although lines may be wrapped on this printable sample, they should not be in your actual file.

```
[Program]
```

```
Download=Provider=SQLNCLI.1;Persist Security Info=True;User ID=user;Password=password;Initial
```

```
Catalog=DownloadMode=3
```

```
DownloadPath=C:\Temp
```

```
DownloadTable=TestTable
```

```
Prompt1.Textbox1=Field1
```

```
Prompt2.Checkbox=OptionField1
```

```
[ValidationFile.txt]
```

```
DataSource=Provider=SQLNCLI.1;Persist Security Info=True;User ID=user;Password=password;Initial
```

```
Catalog=[FixedValFile.csv]
```

```
FilePath=c:\temp\FixedValFile.csv
```