

# Command Line Export Utility

## Table of Content

Chapter 1 – Overview.....	4
Command Line Exporter .....	4
How to run the Command Line Exporter .....	4
Available Parameters.....	4
List of Extra Fields.....	11
Supported parameters for Export Attachments action .....	12
Putting it all together .....	13
Chapter 2 – How to schedule daily exporting of survey results.....	15
Overview .....	15
Step 1 – Get the parameters in order for the Exporter .....	15
Step 2 (Optional) – Setting up a Batch file to activate the command line Exporter.....	15
Step 3– Setting up the Scheduled Task.....	17
Chapter 3 – How to save and use an external export settings file .....	20
Overview .....	20
Step 1 – Save the export settings file.....	20
Step 2 – Use the export settings file in the command line exporter.....	21



## Chapter 1 – Overview

### Command Line Exporter

This utility enables you to export the survey results without the need to open the designer or manager. You can combine this utility in conjunction with the Scheduled Tasks feature of Windows to schedule daily exports of survey results.

### How to run the Command Line Exporter

To run the command line export utility do the following:

1. Open up a command line window by clicking Start -> Run -> CMD
2. Switch to the relevant folder by using the DOS "CD" command. For example if you have unzipped the command line exporter to "C:\SurveyToGo Exporter" you would enter: CD "SurveyToGo Exporter"
3. Enter the following: "STGCmdLine /action=export .....[ other parameters]..."

### Available Parameters

The following command line parameters are available for usage in the utility. Please note the "MUST" parameters have to be there while the optional ones can be left out.

Parameter Name	Description	Limits/Notes	Example	Supported in API
/action	The specific action to take. Either Export or generate operational data report	<b>MUST</b> One of: Export OpData GetOpDataXsd ArchiveAttachments (see supported parameters below)	/action=export	False
/user	The user name to use when exporting. Should match the user used with the Designer.	<b>MUST</b>	/user=mark /user="My User"	False
/pass	The password to use when exporting. Should match the password used with the Designer.	<b>MUST</b>	/pass="mypassword"	False
/org	The organization name to use when exporting. Should match the organization name used with the Designer.	<b>MUST</b>	/org="tester1"	False
/url	The URL to the SurveyToGo server	<b>MUST</b> Has to be	/url="http://stg.dooblo.net/ws/"	False
/proxy	Proxy settings	<b>Optional</b>		False
/proxyUser	Proxy settings	<b>Optional</b>		False
/proxyPassword	Proxy settings	<b>Optional</b>		False

Parameter Name	Description	Limits/Notes	Example	Supported in API
/ProxyDomain	Proxy settings	<b>Optional</b>		False
/surveyid	The ID of the survey to export. ID can be found in the Designer on the Survey Properties screen.	<b>Optional</b> As long as SurveyPath is specified, otherwise it is <i>MUST</i>	/surveyid=76c0c7e6-e184-4f8b-8ec6-b96085a8a4b5	False
/outputDir	Where to put the exported file after exporting	<b>MUST</b>	/outputDir="C:\Exports"	False
/outputPath	alternative to outputDir - the full file path to export to (outputDir sets only the directory)	<b>MUST</b> if and only if outputDir is not given	/outputPath="C:\Exports\file.xls"	False
/provider	Which export provider to choose when exporting	<b>MUST</b> Can be either: Excel Excel2007, Access, SPSS, Word, XML, QuantumData, DataTable, QuantumMap, WordSurvey, CSV, DDF, SimpleExport, SimpleSurveyExport, SimpleCSV, SimpleTabSeperated, SBJX, SPSSV20	/Provider="Excel2007"	False
/attachDir	Where to put the survey attachments if any exist.	<b>Optional</b>	/attachDir="C:\Attachments"	False
/attachListPath	Where to put an excel file that contains URL's to the attachments of the survey	<b>Optional</b>	/attachListPath=" c:\AttachList.xls"	False
/deleteResults	Should the exported results be deleted from the server	<b>Optional</b> Can be: True False (default)	/deleteResults=true /deleteResults=false	False
/daysBack	Export results of how many days back	<b>Optional</b> Default is ALL results	/daysBack=0 /daysBack=30	False
/monthsBack	Export results of how many months back	<b>Optional</b> Default is All results	/monthsBack=0 /monthsBack=1	False
/startDate	Export results which were uploaded starting the specified date	<b>Optional</b> Format of date is: "yyyy-mm-dd"	/startDate="2009-02-24"	False
/endDate	Export results which were uploaded until the specified date	<b>Optional</b> Format of date is: "yyyy-mm-dd"	/endDate="2009-02-24"	False
/withChild	Export child survey results as well	<b>Optional</b> Can be: True or False (Default)	/withChild=yes /withChild=no	False
/useCachedSettings	If export settings are available on this computer, should they be used? (Settings are	<b>Optional</b> Can be: True or False (Default)	/useCachedSettings=true /useCachedSettings=false	False

Parameter Name	Description	Limits/Notes	Example	Supported in API
	saved when you export through the designer)			
/IncludeFiltered	Specifies whether to include filtered results when Exporting	<b>Optional</b> Can be: True or False (Default)	/IncludeFiltered=true /IncludeFiltered=false	False
/compressFiles	Specifies whether to compress the output files or not	<b>Optional</b> Can be: True or False (Default)	/compressFiles=true /compressFiles=false	False
/settingsPath	Use an external Settings file to specify specific settings for the exporting process	<b>Optional</b>	/settingsPath="c:\myExport.xml"	False
/withQAResponsible List	Uses QA responsible assignment to filter exported results	<b>Optional</b>	/WithQAResponsibleList=true /WithQAResponsibleList=false	False
/swapRowsCols	/swapRowsCols	<b>Optional</b> (Excel/Excel2007 only)	/ SwapRowsCols =true / SwapRowsCols =false	False
/datesType	The date that StartDate/EndDate/DaysBack/monthsBack refer to	<b>Optional</b> <b>Submit, Upload, VisitStart, VisitEnd, LastModified, LastModifiedMedia, MediaUploaded</b> <b>If not specified the Upload is the default</b>	/datesType=Submit	False
/Statuses	What statuses to export	<b>Optional</b> Approved, Cancelled, Expired, In Progress (Office), In Progress (Other), Initially Approved, Requires Approval, Returned To Surveyor, Surveyor Handling, Unassigned Surveyor	/statuses="Approved,Canceled"	False
/SubjectMode	What subject modes to export	<b>Optional</b> [All, Test, Production]  If not specified then on a production survey only production otherwise all	/SubejctMode="Test"	False
/SeparateWordFiles	Word only, Specifies if to split each subject to its own word document	<b>Optional</b> [Yes,No]  If not specified then No (Word only)	/SeparateWordFiles=Yes	False
/MoveToStatus	What status to set for exported subjects	<b>Optional</b> Approved, Cancelled, Expired, In Progress (Office), In Progress (Other), Initially Approved, Requires Approval, Returned To Surveyor, Surveyor Handling, Unassigned Surveyor	/MoveToStatus = MoveToReports	False
/HideNullAnswers	If exporting to Word and true, the final word	<b>Optional</b>	/HideNullAnswer=true /HideNullAnswer=false	False (controlled)

Parameter Name	Description	Limits/Notes	Example	Supported in API
	document will not show null answers	Can be either: True False (default)		from an outside param)
/AllLocationProps	If the survey has a location list attached then this will set all the location fields to be exported	<b>Optional</b> Can be either: True False (default)	/AllLocationProps=true /AllLocationProps=false	True
/AllSubjectStoreProps	If the survey has a additional data list assigned then this will set all the location fields to be exported	<b>Optional</b> Can be either: True False (default)	/AllSubjectStoreProps = true /AllSubjectStoreProps = false	True
/EmbedWordImages	Embeds the attached images in the word document	<b>Optional</b> works only with export to word Can be either: True False (default)	/EmbedWordImages=true	False
/FlattenChapters	Flatten chapters. In XML: remove the chapter nodes. In other exporters work on iterations, when true exports all questions together (q1 iteration1, q1 iteration 2,q1 iteration 3, q2 iteration 1...) when false exports the iterations together(q1 iteration1 q2 iteration 1, q3 iteration1, q1 iteration 2)Can be either: True or False (default)	<b>Optional</b>	/FlattenChapters=true	True
/QuantumMapFile	The Map file for the quantum export	<b>Optional</b> - works with export to quantum (MUST for quantum) can be ixls or xlsx	/QuantumMapFile="c:\xxx\yyy\map.xls"	False
/DoNotExpText	Do not export text questions		/DoNotExpText=true	True
/DoNotExpOtherSpec	Do not export the other specify text (the question will be exported without this text)  Export only subject from specific rounds (by round IDs)		/DoNotExpOtherSpec=true	True
/RoundsFilter	Export only subject from specific rounds (by round IDs)		/RoundsFilter="12,27,29"	False
/XMLSbjFieldsAsExtr	Do not render the	<b>Optional</b> works only with	/XMLSbjFieldsAsExtra=true	True

Parameter Name	Description	Limits/Notes	Example	Supported in API
a	subject fields (subjectName, Surveyor Name...) as extra fields in XML export	export to xml , can be either: True or False (default)		
/XMLSbjFieldNames	Export the subject fields (subjectName, SurveyorName...) with field name in XML export	<b>Optional</b> works only with export to xml when XMLSbjFieldsAsExtra is false, can be either: True or False (default)	/XMLSbjFieldNames=false	True
/XMLExpandMultiSelect	Export the full list of answers and add a "Selected" element to each multi select question	<b>Optional</b> works only with export to xml Can be either: True or False (default)		True
/XMLDurationsAsTotalMinutes	Export Total Duration and Net Duration as total number of minutes instead of total number of seconds	<b>Optional</b> works only with export to xml. Can be either True (default) or False	/XMLDurationsAsTotalMinutes=false	True
/XMLIncludeQuestionDurationAndVisits	Export Question Duration and Visit count	<b>Optional</b> works only with export to xml. Can be either True (default) or False	/XMLIncludeQuestionDurationAndVisits=true	True
/DimensionsDurationsAsTotalMinutes	Export Total Duration and Net Duration as total number of minutes instead of total number of seconds	<b>Optional</b> works only with export to DDF. Can be either True or False (default)	/DimensionsDurationsAsTotalMinutes=false	False
/Culture	Set the culture	<b>Optional</b>	/Culture="en-us"	False
/FileType	Type of file on export. Put in "xml" to export to xml or "xlsx" to export to excel.	<b>Optional</b> works only OpData. Default is Excel.	/FileType="xml"	False
/EmbeddedHistory	Indicates whether the OpData export to xml should have its history rows embedded into execution rows	<b>Optional</b> works only OpData. Default is not embedded	/EmbeddedHistory="true"	False
/Field	If set to true, adds a field attribute to the execution elements in OpData export to xml.	<b>Optional</b> works only with OpData. Default is without field	/Field="1"	False
/ExtraFieldsToInclude	A list of fields to include in the export	<b>Optional</b> – see list below table	/ExtraFieldsToInclude="SID ClientSTGVersion SurveyVersion"	True
/MDDSrcPath	The path for the mdd to be used as the basis for the ddf	<b>Optional – if not set an MDD will be created in the same place as the ddf</b>		False
/ExportOnlyQAChapters	Only export chapters that are marked as 'QA	<b>Optional</b>	/ExportOnlyQAChapters="true"	True



Parameter Name	Description	Limits/Notes	Example	Supported in API
	Chapter'			
/ExportAsText	Override the question's 'export as text' settings and export all questions as text	<b>Optional</b>	/ExportAsText="true"	True
/OverrideMissingValue	Override the question's 'missing value' property and replace it with the value set in /MissingValue	<b>Optional</b> should be used with /MissingValue	/OverrideMissingValue="true"	True
/MissingValue		<b>Optional</b> should be used with /OverrideMissingValue	/MissingValue="999"	True
/StatusNameLanguage	Set the language in which the subject status will be exported	<b>Optional</b>	/StatusNameLanguage="en-US"	True
/VariableNames	Export only questions with the indicated variable names	<b>Optional</b>	/VariableNames="q_1,q_*	False (controlled from an outside parameter)
/IncludeIncompleteSubjects	Include incomplete subjects in the export	<b>Optional</b>	/IncludeIncompleteSubjects="true"	False
/FullAttachOnly	If set to true, will export only results with complete attachments	<b>Optional</b>	/FullAttachOnly="true"	False
/SubjectIDs	Export only the indicated subjects	<b>Optional</b>	/SubjectIDs="1345,6789"	False (controlled from an outside parameter)
/OverrideOptionsCount Value	Limit the number of exported options when exporting 'each answer as a variable' for multiple selection type questions	<b>Optional</b>	/OverrideOptionsCountValue=4	True
/FilterExpression	A Boolean expression to filter interviews upon. An interview will be included in the exported data if it meets the expression's criteria	<b>Optional</b>	/FilterExpression="Answer(2)==1"	True
/ExportAnswerTimeStamp	Export the timestamp of each question – currently supported only in excel and SPSS	<b>Optional</b>	/ExportAnswerTimeStamp=true	True
/ExportAnswerDuration	Export the duration for each question – currently supported only in excel and SPSS	<b>Optional</b>	/ExportAnswerDuration=true	True
/ExportAnswerVisits	Export the visits count of each question – currently supported only in excel and SPSS	<b>Optional</b>	/ExportAnswerVisits=true	True
/UserNames	Export only subjects conducted by the indicated user names	<b>Optional</b>	/UserNames="Jhon, David"	False
/GroupNames	Export only subjects conducted by	<b>Optional</b>	/GroupNames="SurveyorsGroup"	False

Parameter Name	Description	Limits/Notes	Example	Supported in API
	surveyors within the indicated group names			
/ExportGDPRVariables	Export GDPR Variables: GDPR-PII-XXXX, GDPR-CONSENT, GDPR-UNIQUE	<b>Optional</b>	/ExportGDPRVariables=true	True
/IncludeInterviewTimeZoneColumns	Export interview time zone adjusted columns	<b>Optional</b>	/IncludeInterviewTimeZoneColumns=true	True
/IgnoreCorruptSubjects	Continue to export even if one or more of the subjects fails to export	<b>Optional</b>	/IgnoreCorruptSubjects=true	False
/CorruptSubjectsListPath	Where to put the file that will contain all the subjects that failed to export	<b>Optional</b>	/CorruptSubjectsListPath="c:\corruptSubjects.txt"	False
/SubjectHistoryPath	Where to place the file that contains the interviews history. The file extension determines the output type (xls, xlsx or xml)	<b>Optional</b>	/SubjectHistoryPath="c:\history.xls"	False

## List of Extra Fields

- SubjectNum
- Filtered Date
- SurveyorName
- SubjectName
- UserUnique
- Duration
- Upload
- SubjectData
- ReviewTime
- ReviewerComment
- SurveyorComment
- Completed
- StopQuestion
- SubjectMode
- ParentSubjectID
- Latitude
- Longitude
- Status
- OrigUTCMin
- QAScore
- FreeScenarioName
- ExtRefNum
- VisitStart
- VisitEnd
- RunningIndex
- SurveyDeviceIndex
- DeviceIndex
- TaskID
- LocationID
- LocationName
- SurveyVersion
- ClientSTGVersio
- SID Flags
- Version

## Supported parameters for Export Attachments Action

Parameter Name	Description	Limits/Notes	Example
/surveyid	The ID of the survey to export. ID can be found in the Designer on the Survey Properties screen.	<b>Optional</b> As long as SurveyPath is specified, otherwise it is <b>MUST</b>	/surveyid=76c0c7e6-e184-4f8b-8ec6-b96085a8a4b5  Multi ids: /surveyid=76c0c7e6-e184-4f8b-8ec6-b96085a8a4b5,76c0c7e6-e184-4f8b-8ec6-b96085a8a4b6
/startDate	Export results which were uploaded starting the specified date	<b>Optional</b> Format of date is: "yyyy-mm-dd"	/startDate="2009-02-24"
/endDate	Export results which were uploaded until the specified date	Format of date is: "yyyy-mm-dd"	/endDate="2009-02-24"
/outputDir	Where to put the exported file after exporting	<b>MUST</b>	/outputDir="C:\Exports"
/outputPath	alternative to outputDir - the full file path to export to (outputDir sets only the directory)	<b>MUST</b> if and only if outputDir is not given	/outputPath="C:\Exports\file.xls"
/KeepFilename	Whether to use the original attachment file name when archiving	<b>Optional</b> . Default is true	/KeepFilename=false
/SetArchivedFlag	Whether to mark the Downloaded attachments as archived in the	<b>Optional</b> Default is true	/SetArchivedFlag=false

## Putting it all together

Here are a couple of examples of how to use the command line utility.

- Exporting all the survey results:

```
stgcmdline /action=export /user=<USER> /pass=<PASS> /org=<ORGNAME>  
/url="http://stg.dooblo.net/ws/" /surveypath=<SURVEY_PATH> /provider=excel2007  
/outputdir=c:\
```

- \* Replace <USER> with your Designer user name
- \* Replace <PASS> with your Designer user name
- \* Replace <ORGNAME> with your Designer user name
- \* Replace <SURVEYPATH> with the name of your survey

This will export today's results to C:\

- Exporting all the survey results of today – and delete them off the SurveyToGo server:

```
stgcmdline /action=export /user=<USER> /pass=<PASS> /org=<ORGNAME>  
/url="http://stg.dooblo.net/ws/" /surveypath=<SURVEY_PATH> /provider=excel  
/outputdir=c:/daysback=0/deleteresults=true
```

- \* Replace <USER> with your Designer user name
- \* Replace <PASS> with your Designer user name
- \* Replace <ORGNAME> with your Designer user name
- \* Replace <SURVEYPATH> with the name of your survey

This will export today's results to C:\ and then it will delete them off of the SurveyToGo server.

- Archiving survey attachments within a date-range:

```
stgcmdline /action=ArchiveAttachments /url="http://stg.dooblo.net/ws/" /user=<USER> /pass=<PASS>  
/org=<ORGNAME> /surveyid=<SURVEY_ID> /startdate=<START_DATE>  
/enddate=<END_DATE> /keepFilename=true /outputdir=c:\
```

- \* Replace <USER> with your Designer user name
- \* Replace <PASS> with your Designer user name
- \* Replace <ORGNAME> with your Designer user name
- \* Replace < SURVEY\_ID> with the id of your survey
- \* Replace < START\_DATE> with the start date from which you want to archive, in the format yyyy-MM-dd. Optional.
- \* Replace < END\_DATE> with the end date until which you want to archive, in the format yyyy-MM-dd. Optional.
- \*KeepFilename=true/false. Optional. Default is true.

This will export the attachments to C:\



## Chapter 2 – How to schedule daily Export of survey results

### Overview

Daily exporting of survey results (with or without deleting them from the server) is a very common need when conducting surveys. You can achieve this very easily by combining the Exporter utility and Windows Scheduled Tasks feature of Windows.

### Step 1 – Get the parameters in order for the Exporter

Get the exporter to work the way you need it by reading Chapter 1, which includes the description for all the available parameters. Once you have the exporter exporting what you need, you can proceed to step 2, or directly to step 3.

For this example, let's suppose we are exporting a survey called MySurvey, and need to export all the results on a daily basis. We would then use these parameters:

```
stgcmdline /action=export /user=myUser /pass=myPass /org=myOrg  
/url="http://stg.dooblo.net/ws/" /surveypath="MySurvey" /provider=excel  
/outputdir=c: /deleteresults=true
```

Please refer to Chapter 1 for a full description of all the parameters.

### Step 2 (Optional) – Setting up a Batch file to activate the command line Exporter

Batch files are files that end with a .BAT extension. They are simply a saved command that can be activated at any time. To create a batch file from our command line, simply copy the command line parameters and generate a "MyExport.BAT" file that looks like this:

#### **MyExport.BAT:**

```
stgcmdline /action=export /user=myUser /pass=myPass /org=myOrg  
/url="http://stg.dooblo.net/ws/" /surveypath="MySurvey" /provider=excel  
/outputdir=c: /deleteresults=true
```

Once you have the batch file ready, you can activate it easily by just typing "MyExport" from the command line window.





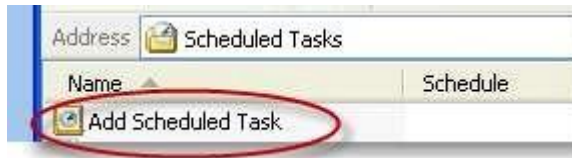
## Step 3– Setting up the Scheduled Task

Adding a scheduled task is a breeze. We will add a daily scheduled task to run our batch file (or the command line directly) daily at 8:00am:

1. Open up the windows control panel: Start > Control Panel
2. Double-click the Scheduled Tasks icon:



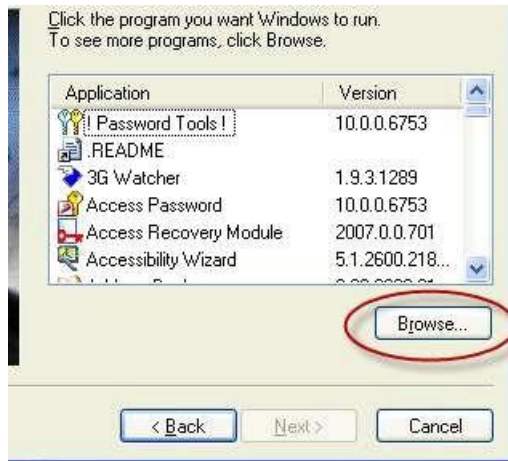
3. Double click the "Add Scheduled Task" icon:



4. Click the "Next" button:



5. Choose the "Browse" button:



6. Locate the batch file you have created and tested earlier. Then, choose "Daily" and click next:



7. Choose the correct hour you want this task to be run and click next:



8. Enter your windows credentials so that the scheduled task will be able to run correctly and click the Next button:



9. Now, just click the finish button and you are all set!



## Chapter 3 – How to save and use an external export settings file

### Overview

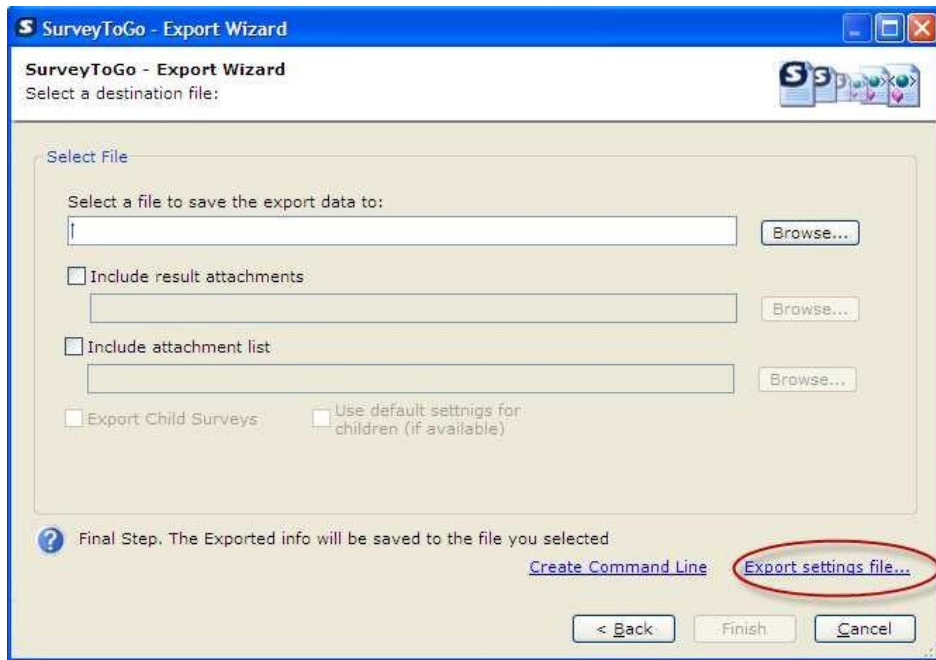
The command line exporter can accept an external settings file which was previously created. The settings file can include various export options like which columns to export or not, which survey modes to include in the export file etc.

To create the export settings file, simply use the designer. To use that file, add a special parameter to the command line exporter.

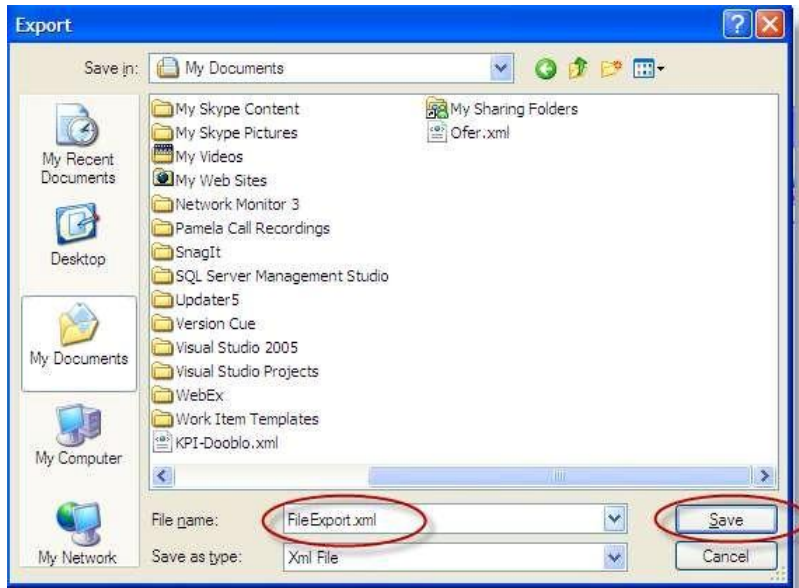
### Step 1 – Save the export settings file

To create an export settings file for a survey, simple open the Designer for that survey, then start up the export wizard.

1. At the last screen of the export wizard, the "Destination file" screen. Click the "Export settings file" link:



- Next, choose a path and file name to save the .XML file, and click the Save button:



## ***Step 2 – Use the Export Settings file in the command line exporter***

To use this file, simply add the "settingsPath" parameter to the list of parameters of the command line. For example, this command line syntax will use the MyExport.xml settings file when exporting:

```
stgcmdline /action=export /user=myUser /pass=myPass /org=myOrg  
/url="http://stg.dooblo.net/ws/" /surveypath="MySurvey" /provider=excel  
/outputdir=c: /settingsPath="c:\MyExport.xml"
```

Please refer to Chapter 1 for a full description of all the parameters.