

Pro Technology Automation, Inc.

PackageTrac™ User Guide

Version 1.0

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OVERVIEW:

This application was written to give the capability of printing multiple forms in a given package. The program will use an input field nominated file and an information file (package.db) to create the output field nominated file with the proper ^forms in place for each form.

Inputs and Outputs

PackageTrac will take in four files in the command line arguments:

```
PackageTrac <input file> <output file> <db file> <log file>
```

The input file is the field nominated file created by the transformation agent. If the file does not exist in the same directory as the executable, then the full path of the file location must be specified. The output file is the field nominated file created by PackageTrac. The file will be placed in the same directory as the executable unless a full path is specified. The db file is the information file which the program uses to perform the logic on the forms. It consists of the PackageID field followed by the path of the form to be printed, number of copies to be printed, duplex option flag and, printall option flag. If the file does not exist in the same directory as the executable, then the full path of the file location must be specified. The log file is a status file created by the program.

PackageTrac processing

The program will open the input field nominated file and process each record until the end of the file. The input field nominated file can consist of one or multiple records. Each record will be read into the program and a search will be performed based on the data populating the PackageID field. If the PackageID exists in the package.db file, a ^form followed by the information about that record will be placed in the output field nominated file. Below is an example ^form line:

```
^form c:\tracs\packagetrac\form_name -c1 -aduon -aapon
```

The output field nominated file is created with each record consisting of at least one ^form line depending on the number of copies to be printed. The first ^form line will be followed by the rest of the fields in that record. If more than one copy of the form is being printed, additional ^form lines are added to the bottom of the last field in the record. Below is an example of a form being printed three times:

```
^form c:\tracs\packagetrac\form_name -c1 -aduon -aapon
^global PackageID
Judge1
^global Name
Joe Smith2
^global Street
123 Anywhere Street
^global City
Anytown
^global State
CA
```

```

^global Zip
91234
^form c:\tracs\packagetrac\form_name -c1 -aduon -aapon
^form c:\tracs\packagetrac\form_name -c1 -aduoff -aapon

```

INSTALLATION AND TESTING INSTRUCTIONS

Installation Instructions

The PackageTrac.zip file contains the following files. After unzipping them, move each file to the folder indicated.

<u>Filename</u>	<u>Description</u>	<u>Folder</u>
PackageTrac.exe	Executable file	c:\jfsrvr\CustomAgents\PackageTrac
PackageTrac.db	Information file	c:\jfsrvr\CustomAgents\PackageTrac
Cover.mdf	Cover form	c:\jfsrvr\CustomAgents\PackageTrac
Cover.pre	Preamble file for the cover form	c:\jfsrvr\CustomAgents\PackageTrac
PackageTrac_info.doc	User guide	

The PackageTrac.db file consists of the lookup table for printing packages. Edit the file by entering the packageID, path of the forms to be printed, number of forms to be printed, duplex option on or off and, printall option on or off. Follow the examples already in the file. The Cover.mdf is the cover form printed for every package. It includes the names and paths of all files printed and the number of copies printed.

To add the PackageTrac custom agent to an existing job in Jetform:

- 1-Add a new task by clicking on File/Job Management Database/tasks... and clicking on new task...
- 2- Edit the new task pop up window as follows:

```

Task Id:      Package
Program name: c:\jfsrvr\CustomAgents\PackageTrac \PackageTrac.exe
Program options: @InFile @OutFile c:\jfsrvr\CustomAgents\PackageTrac\package.db
              c:\jfsrvr\jfsrvr.log
Comment:     PackageTrac Custom Agent

```

3-Click OK.

4-Add the new task just created to a job by clicking on File/Job Management Database/jobs... and double clicking on the job to be modified.

5-In the Edit Job pop up window click on new step...

6-Edit the new step pop up window as follows:

Task id:	Package
Input file:	A (the output file from the last job step)
Output file:	B (the output file from this job step)

7-Click OK.

Note: In the job steps make sure PackageTrac is run in the correct order (After jftrans and before jfmerge).

The jfmerge job step needs to be customized so we'll create a new jfmerge task.

8-Add a new task by clicking on File/Job Management Database/tasks... and clicking on new task...

9- Edit the new task pop up window as follows:

Task Id:	jfmergepa
Program name:	jfmerge
Program options:	@MDFName @InFile -l -apr@PreambleName -afxon -apci# -all@LogFileName -asl@SkipLines -amq@ManagedMem -ams@MSTName - m@Macro#. @LoadFlag -z"@PhysicalDev." @PrintDirectorParms. @OtherJobTokens. -aii@IniFileName
Comment:	jfmerge for PackageTrac custom agent.

10-Click OK.

11-Add the new task just created to a job by clicking on File/Job Management Database/jobs... and double clicking on the job to be modified.

12-In the Edit Job pop up window click on new step...

13-Edit the new step pop up window as follows:

Task id:	jfmergepa
Input file:	B (the output file from the last job step)
Output file:	* (the output file from this job step)
Form file:	c:\jfsrvr\CustomAgents\PackageTrac\cover.mdf
Preamble file:	c:\jfsrvr\CustomAgents\PackageTrac\cover.pre

14-Click OK.

Note: This job step should follow the PackageTrac custom agent job step.

15-Close all pop up windows and update the Job Management Database by clicking on Control\Reload Job Management DB.

Testing Instructions

The job is now ready to be run. Drop in an input.dat file with this job name specified in the ^job in the collector directory and examine the logfile.

If you have any questions or need more information, call Shawn Molavi or Dan Roth at:

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