

BOTS Tutorial - Set up a translation

Purpose of this tutorial is to show how to set up an translation.

The translation will be from an edifact file to a flat file format.

We'll use only communication from/to your file system (no POP3, SMTP, FTP etc).

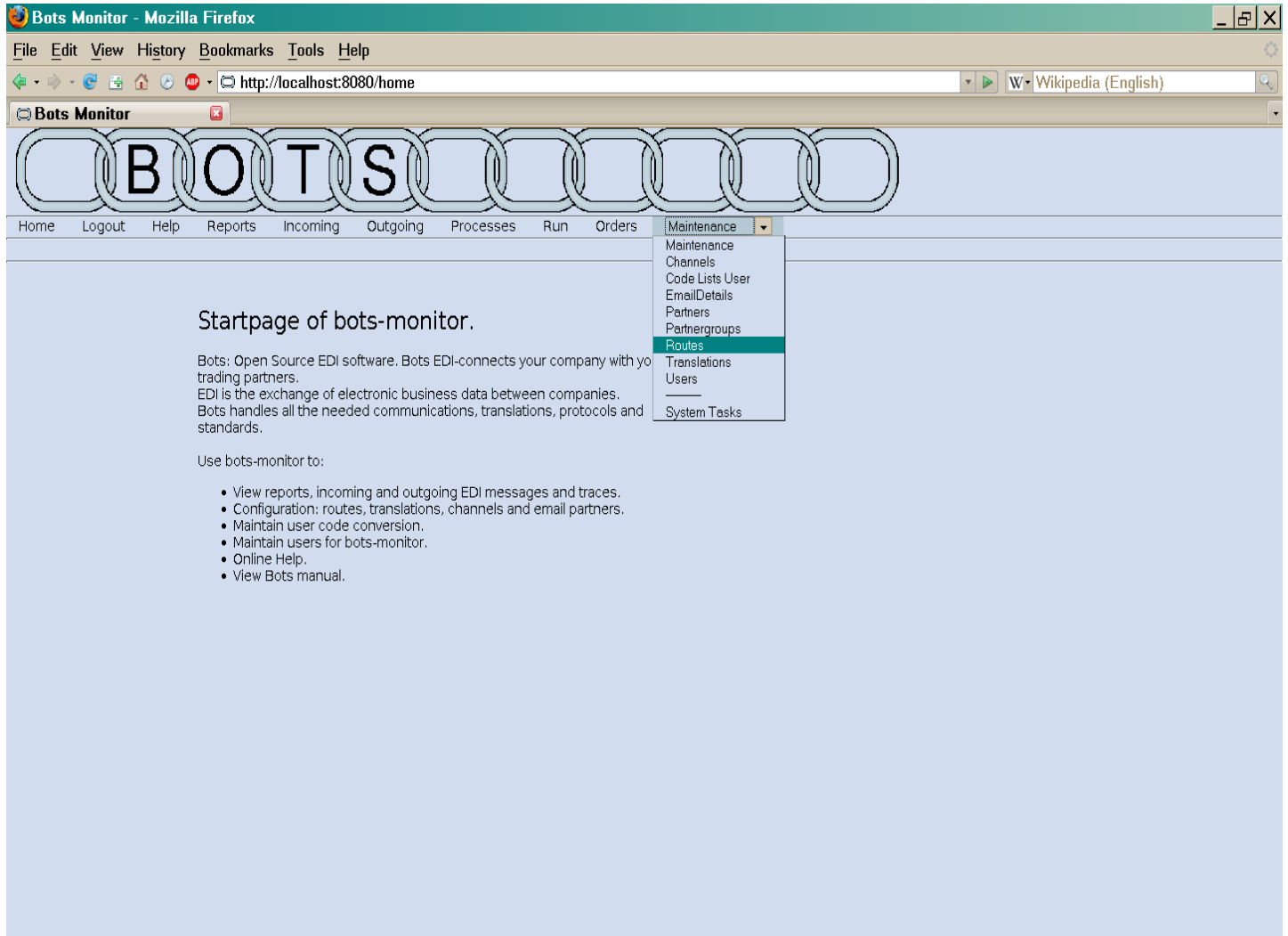
Example edifact messages, grammars and mapping files needed in this translation are all provided in the Bots download (<http://bots.sourceforge.net>).

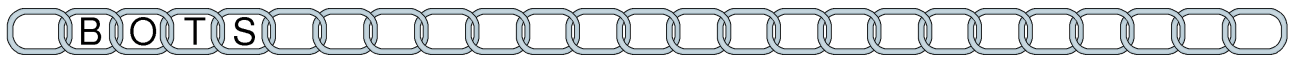
Assumed is:

- You have installed Bots (for instructions: see user manual).
- There are certain files and directories on your system; all these files and directories are present in a normal installation of Bots.
- You have started Bots web server (for instructions: see user manual).
- Use your browser to view the opening page of Bots monitor (for instructions: see user manual).

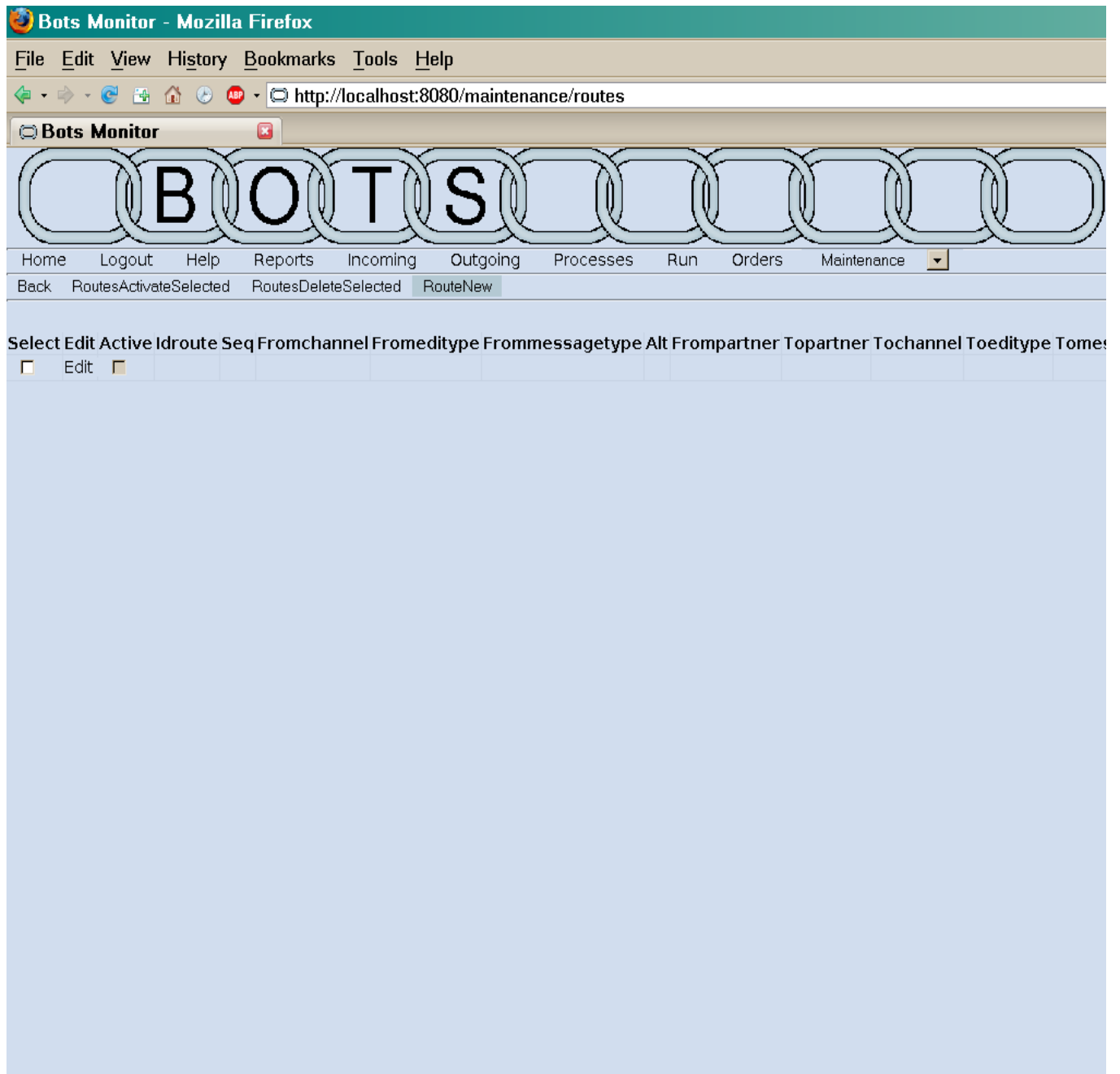


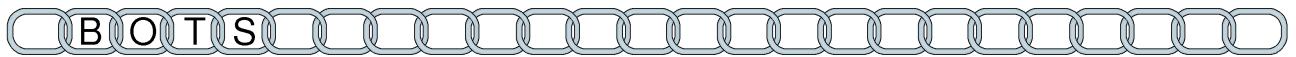
1. As all actions Bots performs are controlled by routes, we start with setting up a route.
Go to the route maintenance screen (menu: maintenance->routes):





2. Make a new route using menu-button 'RouteNew'.





3. Set up your first route, using the following data.
Save the route when done (using button 'RouteSave').

The screenshot shows the BOTS web application interface. At the top is the BOTS logo. Below it is a navigation bar with links: Home, Logout, Help, Reports, Incoming, and Outgoing. Below the navigation bar is a sub-bar with links: Back and RouteSave. The main content area is a form for configuring a route. The form has the following fields:

Active	<input checked="" type="checkbox"/>
Idroute	myfirstroute
Seq	
Incoming details; use to determine translation	
Fromchannel	myinfiles
Fromeditype	edifact
Frommessagetype	edifact
Alt	
Frompartner	
Topartner	
Outgoing details; use to determine outchannel	
Tochannel	myoutfiles
Toeditype	fixed
Tomessagetype	ordersfixedsplit
Frompartner_tochannel	
Topartner_tochannel	

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4. Setup the (communication) channels myinfiles and myoutfiles.
This is done using menu: maintenance->channels; button ChannelNew.
Fill in the next data and save (ChannelSave). You really should set the 'Active' field!

Data for channel myinfiles. All relevant data is shown in this screenshot:

The screenshot shows the BOTS web interface. At the top is a navigation bar with links: Home, Logout, Help, Reports, Incoming, and Outgoing. Below this is a sub-bar with 'Back' and 'ChannelSave'. The main content area is a form for configuring a channel named 'myinfiles'. The form has a light blue background and contains the following fields:

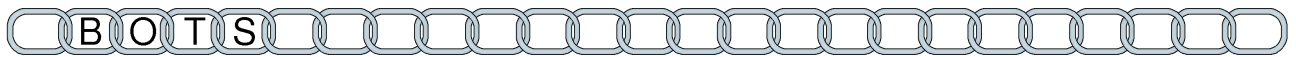
Active	<input checked="" type="checkbox"/>
Idchannel	myinfiles
Type	infile
Charset	us-ascii
Internet details (smtp, pop3, ftp)	
Host	
Port	
Username	
Secret	
Usessl	<input type="checkbox"/>
Starttls	<input type="checkbox"/>
Details for files: eg file i/o, ftp)	
Path	infile/06fixed/0601
Filename	*.edi
Remove	<input type="checkbox"/>
Lockname	
Syslock	<input type="checkbox"/>
Ftn details	



Data for channel myoutfiles: All relevant data is shown in this screenshot.

A screenshot of the BOTS web interface. At the top, there is a navigation bar with links: Home, Logout, Help, Reports, Incoming, and Outgoing. Below this is a sub-navigation bar with links: Back and ChannelSave. The main content area is a form for configuring a channel. The form has a light blue background and contains the following fields:

Active	<input checked="" type="checkbox"/>
Idchannel	myoutfiles
Type	outfile
Charset	iso-8859-1
Internet details (smtp, pop3, ftp)	
Host	
Port	
Username	
Secret	
Usssl	<input type="checkbox"/>
Starttls	<input type="checkbox"/>
Details for files: eg file i/o, ftp)	
Path	outfile
Filename	myoutfile*.inh
Remove	<input type="checkbox"/>
Lockname	
Syslock	<input type="checkbox"/>
Etc details	



5. Set up the translation.

This is done using menu: Translations->; button TranslationNew.

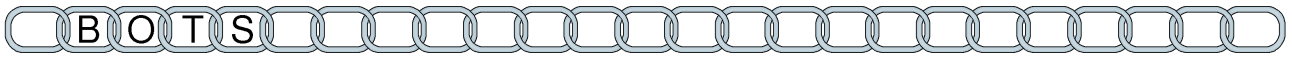
Fill in the next data and save (TranslationSave).

In the screen shot, field 'From messagetype' contains ORDERSD96AUNEAN008 (you can not see the whole field in the screen shot, sorry about that).

A screenshot of the BOTS web application interface. At the top, the "BOTS" logo is displayed. Below it is a navigation bar with links: Home, Logout, Help, Reports, Incoming, and Outgoing. Underneath the navigation bar is a secondary bar with "Back" and "TranslationSave" buttons. The main content area contains a form with the following fields:

Active	<input checked="" type="checkbox"/>
Fromeditype	edifact
Frommessagetype	ORDERSD96AUNEAN
Alt	
Frompartner	
Topartner	
Tscript	ordersedi2fixed
Toeditype	fixed
Tomessagetype	ordersfixedsplit

6. Run Bots-engine; Bots-engine does the actual translation. See the Bots user manual how to do this. (When you have used the windows installer, use the 'shortcut' to bots-engine in your menu; else user the command line.)



- Look at the results of this run in menu:Reports.
This report tells you 1 file is received (LastRecieved=1).
The file is translated correct (Lastdone=1).
'Lasterrors' indicates the number of errors in received files; in this run there are 0 zero errors.

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 [Maintenance](#)

[Back](#)
 [ViewIncomingSelected](#)
 [ViewOutgoingSelected](#)
 [ViewProcessErrorsSelected](#)

Select	Id	Lastreceived	Lastdone	Lasterror	Lastok	Lastopen	Previousreceived	Reprocessed	Previousdone	Previouserror	Previousok	Previousopen
<input type="checkbox"/>	53	1	1	0	0	0		0	0	0	0	0

8. Have a look at the results. In directory bots/outfile there should be a file called 'myoutfile*.inh', where '*' is a (sequence) number. The file looks like this; it is the result of the translated edifact file.

[illegible]

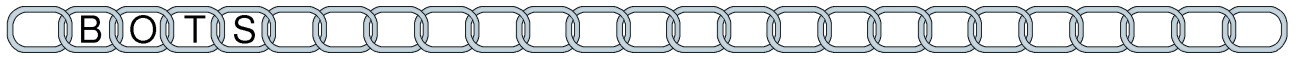
About the configuration you just made:

1. Route 'myfirstroute' receives edi files through channel 'myinfiles'. Channel 'myinfiles' looks for files at 'bots/infile/06fixed/0601/*.*edi'.
2. Bots start the translation of the received edi file as editype 'edifact', messagetype 'edifact'. Edifact has a standard interchange envelope: one interchange envelope can contain several messages, each can be of different messagetype. Bots finds in the edi file a test edi message of messagetype 'ORDERSD96AUNEAN008'. This matches the translation you set up.
3. Bots translates the edi message to a fixed message, messagetype 'ordersfixedsplit'.
4. The translated message is written as file 'bots/outfile/myoutfile*inh ' (where '*' is a sequence number) by outchannel 'myoutfiles'.

Summary:

you have set up Bots to translate an edifact file into a fixed format in house file.

you used edifact files, grammars and a mapping script that were already included in the Bots installation (as examples).



Succes with Bots,
Henk-Jan Ebbers.
17 september 2007