

Murex Autofunder Import File Process

Murex Knowledge Base

29 August, 2025

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1 Scope of Document

1.1 Introduction

Intention of this wiki is to give a high level overview of the Murex Autofunder Import Process.

2 Tibco details

The tibco adaptor name is: **bw-mrx-autofund-loandep-esb**

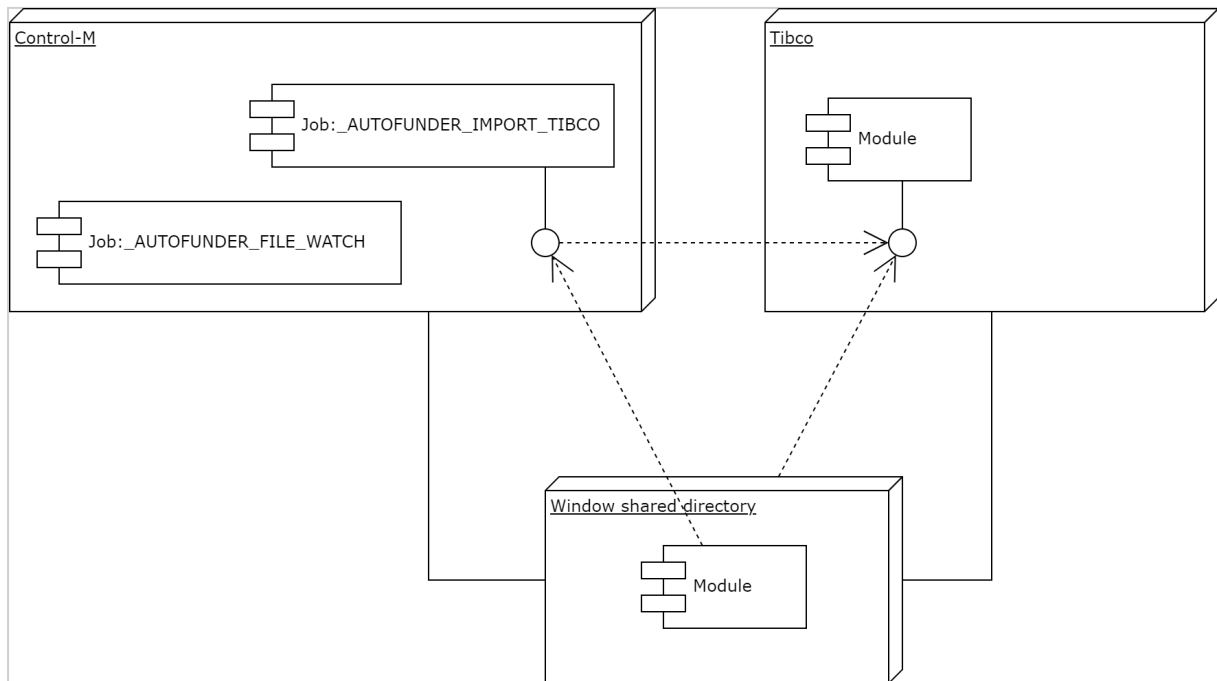
2.1 Tibco Reference Material/ Detailed Wikis

Document\Link	Description

2.2 Definitions, Acronyms and Abbreviations

Definition\Acronym\Abbreviation	Description

3 Solution Architecture Outline



3.1 External Interfaces and System Interactions

Autofunder Import Feed	Source System	Source Folder	Files processed (Rerun)	Control-M Copy required?	No of Margin Calls Imported	Tibco Source Folder (Tibco reads from this folder)	Expected Time	Contact person's or Team

CM T	Inform atica	\\rmb-ppr- nas01\FileSta geProd\MUR EX\PROD\inte rfaces\CMTA utoFunderMR X\receiveLoc ation Firewall access: yes	<p>1) FO_Auto_Funder_ 20220207.csv(C MT File)</p> <p>2) FO_Auto_Funder_ Checksum_2022 0207.csv (Control File)</p> <p>Rerun process:</p> <ol style="list-style-type: none"> 1. Copy above files from Processed to "Tibco Source Folder" 2. Run Control- M: "RMB_MRX_ PROD_INT_A UTOFUNDER _IMPORT_TI BCO" 3. Control-M job will fail if error encountered + Dexter will be raised. <p>New file import process: Same process as above, except you need to run all Control-M jobs with "RMB_MRX_PRO D_INT_AUTOFUN DER_" in the name</p>	Yes	?	\\rmb-ppr- nas01\FileStage Prod\MUREX\P ROD\interfaces\ CMTAutoFunder MRX\receiveLoc ation	08: 00a m pre vio us day' s file	Indran Govender < igovender@ rmb.co.za ¹ >
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1. <mailto:igovender@rmb.co.za>

4 Control-M Details

Jobs to run the active Murex Autofunder Imports are configured in the Control-M schedule provided below. Jobs are ordered each day at 12:00 and deleted at the same time the following day if they have been executed.

- The Import Control-M jobs will remain active for a maximum of 24 hours.
- Control-M file pollers listen for any new Control files (eg FO_Auto_Funder_CheckSum_20220207.csv) on the Source Folder
- **RERUN PROCESS:** Files can be rerun by copying the the relevant source files into the Tibco target directory (Delta duplicate checking is implemented on the trade imports interface)
- Description of jobs:
 - "_FILE_WATCH": Checks for the presence of the required files in the source location
 - "_TIBCO_VERIFY": Verifies that the Margin import jobs executed successfully
 - "RMB_MRX_PROD_INT_AUTOFUNDER_IMPORT_TIBCO": This is the job that actually uses the files to create the loan deposit trades that get sent to Murex via TIS
- Note: If Tibco polling for import file before 12 and ControlM dates roll, the job will hang and the files won't be imported even if the files land after 12. To get around this: Re-order the Control-M jobs. Select all with "RMB_MRX_PROD_INT_AUTOFUNDER_" in their name and right click all and select "Re-order", then right click and "Rerun/Run" the jobs.
- Tibco errors are also returned via Sys out so you can see them on the Control M logs.

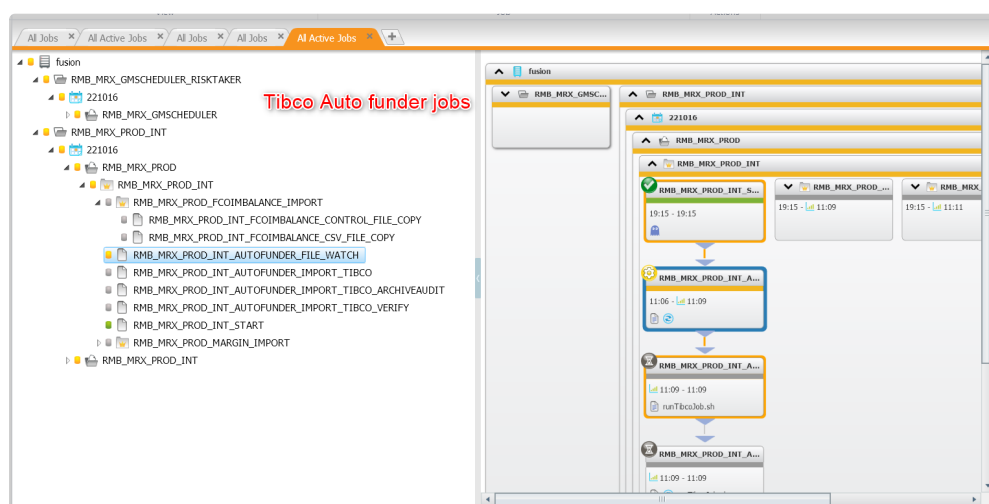
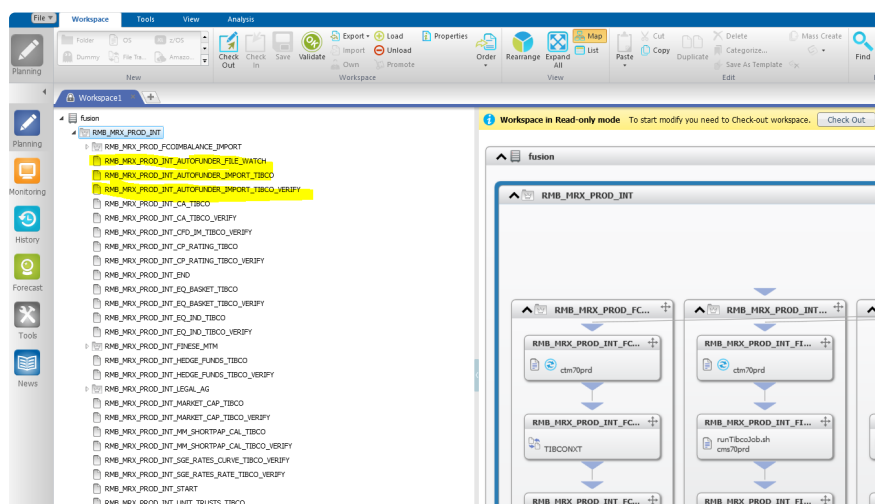
4.1 Control-M - Import Jobs

This is how you filter on Control-M:

Server: fusion

Application: RMB_MRX_PROD_INT

Folder: *RMB_MRX_PROD_INT*



5 Track and Trace models

Trace and trace models for all environments can be found on the following links

5.1 Autofunder adapter Statemodel

- PROD: <https://channel-applications/tnt/View/Main.aspx?action=loadStateModelInstGrid&stateModelName=Autofunder%20Trade%20Adaptor>
- DEV/TEST:
- Note: The correlation ID contains the row - This will allow you to search all TnT output for a specific row: "File:FO_Auto_Funder_CheckSum_20220207.csv_Row:105_JobNbr:1"

Add To Favorites

Filter Contexts

State Model: Autofunder Trade Adaptor

Correlation ID:

Parent Correlation ID:

Current State: Contains

In Complete? All

Manually Resolved? No Resolved

Created Timestamp From: 02/08/2022 12:00 AM

To: 02/08/2022 11:59 PM

Apply Filter Reset Filter

State Model: Contains

Parent State Model: All

Current State: All

Overall Result: All

How Timed Out? All

Last Updated Timestamp From: 02/08/2022 11:59 PM

To: 02/08/2022 11:59 PM

State Model Instances - 34 instances found

State Model Name	Correlation ID	Current State	Overall Result	In Complete	Manually Resolved	How Timed Out	Created Timestamp	Last Updated
Autofunder Trade Adaptor	File:FO_Auto_Funder_CheckSum_20220207.csv_Row:105_JobNbr:1_Err:PROC_Date:2022020800052814_1	Receive Response From Trade Import Service	Success				2022-02-08 08:00:57.328 (UTC+02:00)	2022-02-08 (UTC+02:00)
Autofunder Trade Adaptor	File:FO_Auto_Funder_CheckSum_20220207.csv_Row:92_JobNbr:1_Err:PROC_Date:2022020800052814_1	Receive Response From Trade Import Service	Success				2022-02-08 08:00:56.096 (UTC+02:00)	2022-02-08 (UTC+02:00)
Autofunder Trade Adaptor	File:FO_Auto_Funder_CheckSum_20220207.csv_Row:94_JobNbr:1_Err:PROC_Date:2022020800052814_1	Receive Response From Trade Import Service	Success				2022-02-08 08:00:57.019 (UTC+02:00)	2022-02-08 (UTC+02:00)
Autofunder Trade Adaptor	File:FO_Auto_Funder_CheckSum_20220207.csv_Row:73_JobNbr:1_Err:PROC_Date:2022020800052814_1	Receive Response From Trade Import Service	Success				2022-02-08 08:00:57.135 (UTC+02:00)	2022-02-08 (UTC+02:00)
Autofunder Trade Adaptor	File:FO_Auto_Funder_CheckSum_20220207.csv_Row:80_JobNbr:1_Err:PROC_Date:2022020800052814_1	Receive Response From Trade Import Service	Success				2022-02-08 08:00:56.914 (UTC+02:00)	2022-02-08 (UTC+02:00)
Autofunder Trade Adaptor	File:FO_Auto_Funder_CheckSum_20220207.csv_Row:77_JobNbr:1_Err:PROC_Date:2022020800052814_1	Receive Response From Trade Import Service	Success				2022-02-08 08:00:57.089 (UTC+02:00)	2022-02-08 (UTC+02:00)
Autofunder Trade Adaptor	File:FO_Auto_Funder_CheckSum_20220207.csv_Row:91_JobNbr:1_Err:PROC_Date:2022020800052814_1	Receive Response From Trade Import Service	Success				2022-02-08 08:00:56.465 (UTC+02:00)	2022-02-08 (UTC+02:00)
Autofunder Trade Adaptor	File:FO_Auto_Funder_CheckSum_20220207.csv_Row:87_JobNbr:1_Err:PROC_Date:2022020800052814_1	Receive Response From Trade Import Service	Success				2022-02-08 08:00:56.904 (UTC+02:00)	2022-02-08 (UTC+02:00)
Autofunder Trade Adaptor	File:FO_Auto_Funder_CheckSum_20220207.csv_Row:71_JobNbr:1_Err:PROC_Date:2022020800052814_1	Receive Response From Trade Import Service	Success				2022-02-08 08:00:56.051 (UTC+02:00)	2022-02-08 (UTC+02:00)

Export CSV

State Model: - Autofunder Trade Adaptor

5.2 Trade Import Service Statemodel

- PROD: <https://channel-applications/tnt/View/Main.aspx?action=loadStateModelInstGrid&stateModelName=The%20Force>
- DEV/TEST:

Add To Favorites

Edit Criteria:

State Model: The Force

Correlation ID: Auto_Funder

Parent Correlation ID:

Current State: Contains

Is Complete?

Manually Resolved? Not Resolved

Created Timestamp From: 02/07/2022 12:00 AM

To: 02/08/2022 11:59 PM

Apply Filter Reset Filter Manually Resolve All Filtered

State Model Instances - 112 instances found

State Model Name	Correlation ID	Current State	Overall Result	Is Complete	Manually Resolved	Has Timed Out	Created Timestamp	Last Updated Timestamp
The Force	FileFO_Auto_Funder_Checksum_20220207.csv_Row=105_JobNr=1_Err=PROCD_Date=2022020800052816_1	Trade Import Service	Success				2022-02-08 08:00:57.333 (UTC+02:00)	2022-02-08 08:06:08.021 (UTC+02:00)
The Force	FileFO_Auto_Funder_Checksum_20220207.csv_Row=92_JobNr=1_Err=PROCD_Date=2022020800052816_1	Trade Import Service	Success				2022-02-08 08:00:56.923 (UTC+02:00)	2022-02-08 08:06:06.894 (UTC+02:00)
The Force	FileFO_Auto_Funder_Checksum_20220207.csv_Row=94_JobNr=1_Err=PROCD_Date=2022020800052816_1	Trade Import Service	Success				2022-02-08 08:00:56.982 (UTC+02:00)	2022-02-08 08:06:04.968 (UTC+02:00)
The Force	FileFO_Auto_Funder_Checksum_20220207.csv_Row=106_JobNr=1_Err=PROCD_Date=2022020800052816_1	Trade Import Service	Success				2022-02-08 08:00:57.123 (UTC+02:00)	2022-02-08 08:06:03.408 (UTC+02:00)
The Force	FileFO_Auto_Funder_Checksum_20220207.csv_Row=73_JobNr=1_Err=PROCD_Date=2022020800052816_1	Trade Import Service	Success				2022-02-08 08:00:56.877 (UTC+02:00)	2022-02-08 08:06:01.484 (UTC+02:00)
The Force	FileFO_Auto_Funder_Checksum_20220207.csv_Row=80_JobNr=1_Err=PROCD_Date=2022020800052816_1	Trade Import Service	Success				2022-02-08 08:00:56.884 (UTC+02:00)	2022-02-08 08:06:00.006 (UTC+02:00)
The Force	FileFO_Auto_Funder_Checksum_20220207.csv_Row=77_JobNr=1_Err=PROCD_Date=2022020800052816_1	Trade Import Service	Success				2022-02-08 08:00:57.297 (UTC+02:00)	2022-02-08 08:05:58.213 (UTC+02:00)
The Force	FileFO_Auto_Funder_Checksum_20220207.csv_Row=91_JobNr=1_Err=PROCD_Date=2022020800052816_1	Trade Import Service	Success				2022-02-08 08:00:56.413 (UTC+02:00)	2022-02-08 08:05:56.628 (UTC+02:00)
The Force	FileFO_Auto_Funder_Checksum_20220207.csv_Row=87_JobNr=1_Err=PROCD_Date=2022020800052816_1	Trade Import Service	Success				2022-02-08 08:00:56.876 (UTC+02:00)	2022-02-08 08:05:55.516 (UTC+02:00)
The Force	FileFO_Auto_Funder_Checksum_20220207.csv_Row=71_JobNr=1_Err=PROCD_Date=2022020800052816_1	Trade Import Service	Success				2022-02-08 08:00:56.465 (UTC+02:00)	2022-02-08 08:05:53.258 (UTC+02:00)

Export CSV

State Model: The Force

5.3 Murex Trade import adapter Statemodel

- PROD: <https://channel-applications/tnt/View/Main.aspx?action=loadStateModelInstGrid&stateModelName=Trade%20Import%20Adaptor%20MRX>
- DEV/TEST:

Add To Favorites

Edit Criteria:

State Model: Trade Import Adapter MRX

Correlation ID: Auto_Funder

Parent Correlation ID:

Current State: Contains

Is Complete?

Manually Resolved? Not Resolved

Created Timestamp From: 02/07/2022 12:00 AM

To: 02/08/2022 11:59 PM

Apply Filter Reset Filter

State Model Instances - 109 instances found

State Model Name	Correlation ID	Current State	Overall Result	Is Complete
Trade Import Adapter MRX	correlid=20220207_1_105_jedysAF_msgType=TRADE_IMPORT_M04_jurZA_unfiledFileFO_Auto_Funder_Checksum_20220207.csv_Row=105_JobNr=1_Err=PROCD_Date=2022020800052816_1_jedysMRX_errTrdId_err=PROCD_row=2022020800100493	Trade Import Response	Success	
Trade Import Adapter MRX	correlid=20220207_1_90_jedysAF_msgType=TRADE_IMPORT_M04_jurZA_unfiledFileFO_Auto_Funder_Checksum_20220207.csv_Row=92_JobNr=1_Err=PROCD_Date=2022020800052816_1_jedysMRX_errTrdId_err=PROCD_row=2022020800103068	Trade Import Response	Success	
Trade Import Adapter MRX	correlid=20220207_1_94_jedysAF_msgType=TRADE_IMPORT_M04_jurZA_unfiledFileFO_Auto_Funder_Checksum_20220207.csv_Row=94_JobNr=1_Err=PROCD_Date=2022020800052816_1_jedysMRX_errTrdId_err=PROCD_row=2022020800103063	Trade Import Response	Success	
Trade Import Adapter MRX	correlid=20220207_1_106_jedysAF_msgType=TRADE_IMPORT_M04_jurZA_unfiledFileFO_Auto_Funder_Checksum_20220207.csv_Row=106_JobNr=1_Err=PROCD_Date=2022020800052816_1_jedysMRX_errTrdId_err=PROCD_row=2022020800059946	Trade Import Response	Success	
Trade Import Adapter MRX	correlid=20220207_1_73_jedysAF_msgType=TRADE_IMPORT_M04_jurZA_unfiledFileFO_Auto_Funder_Checksum_20220207.csv_Row=73_JobNr=1_Err=PROCD_Date=2022020800052816_1_jedysMRX_errTrdId_err=PROCD_row=2022020800059946	Trade Import Response	Success	
Trade Import Adapter MRX	correlid=20220207_1_80_jedysAF_msgType=TRADE_IMPORT_M04_jurZA_unfiledFileFO_Auto_Funder_Checksum_20220207.csv_Row=80_JobNr=1_Err=PROCD_Date=2022020800052816_1_jedysMRX_errTrdId_err=PROCD_row=2022020800059947	Trade Import Response	Success	
Trade Import Adapter MRX	correlid=20220207_1_77_jedysAF_msgType=TRADE_IMPORT_M04_jurZA_unfiledFileFO_Auto_Funder_Checksum_20220207.csv_Row=77_JobNr=1_Err=PROCD_Date=2022020800052816_1_jedysMRX_errTrdId_err=PROCD_row=2022020800059296	Trade Import Response	Success	

Example of successful run:

- Menu → Murex → Murex Job Audit
- E.g. for batch date 07/02/2022 below ("MS") you can see there were 34 records expected (record count) and 34 processed (process count)
- The number of expected records should be all the record provided in the file FO_Auto_Funder_20220207.csv excluding records with zero amounts

channel-applications/tnt/View/murexJobAudit/MurexJobAudit.aspx?action=filterMurexJobAuditGrid

Env: **PROD**

Murex Job Audit

Run Date:

System:

Job Status:

Job Name (contains):

All Jobs: - 1 instance found

Run Date	System	Job Name	Status	Expected Count	Error Count	Processed Count	Outstanding	Start Time	End Time	Run Number
2022-02-07	Murex	bvv-mrx-autofund-loandep-esb	OK	34	0	34	0 (0%)	2022-02-08 08:00:52.000	2022-02-08 08:06:07.000	1

[View](#) [Export CSV](#)

6 Mapping Lookup: AF_BOOK

Category: AF_BOOK

Murex Err: PRCD Set

Murex Mapping

Mapping Category: AF_BOOK Source System: All (*) Murex Field: All

Source Value (contains): Murex Value (contains):

Murex Mappings: +39 instances found

	Mapping Category	Source System	Source Value	Murex Field	Murex Value	Created By	Date Created	Modified By	Date Modified
Insert Edit Delete	AF_BOOK	AF	ALF ACACCOUNTS	HedgeBook	REL FX Fund Acct	ROB-NT	2022-01-16 11:44:39.000		
				MoBook	ALF ACACCOUNTS	ROB-NT	2022-01-16 11:44:39.000		
Insert Edit Delete	AF_BOOK	AF	ALF BOND BUYBACK	HedgeBook	REL FX FUND ACCT	ROB-NT	2022-01-16 11:44:39.000		
				MoBook	ALF BOND BUYBACK	ROB-NT	2022-01-16 11:44:39.000		
Insert Edit Delete	AF_BOOK	AF	ALF CCBS	HedgeBook	REL FX FUND ACCT	ROB-NT	2022-01-16 11:44:39.000		
				MoBook	ALF CCBS	ROB-NT	2022-01-16 11:44:39.000		
Insert Edit Delete	AF_BOOK	AF	ALF CUR GHANA	HedgeBook	EUROLOANS	ROB-NT	2022-01-16 11:44:39.000		
				MoBook	ALF CUR GHANA	ROB-NT	2022-01-16 11:44:39.000		
Insert Edit Delete	AF_BOOK	AF	ALF CUR MOZAMBIQ	HedgeBook	EUROLOANS	ROB-NT	2022-01-16 11:44:39.000		
				MoBook	ALF CUR MOZAMBIQ	ROB-NT	2022-01-16 11:44:39.000		
Insert Edit Delete	AF_BOOK	AF	ALF CURRENCY	HedgeBook	EUROLOANS	ROB-NT	2022-01-16 11:44:39.000		
				MoBook	ALF CURRENCY	ROB-NT	2022-01-16 11:44:39.000		
Insert Edit Delete	AF_BOOK	AF	ALF FX COMBIBERG	HedgeBook	EUROLOANS	ROB-NT	2022-01-16 11:44:39.000		
				MoBook	ALF FX COMBIBERG	ROB-NT	2022-01-16 11:44:39.000		
Insert Edit Delete	AF_BOOK	AF	ALF NGCERA	HedgeBook	REL FX Fund Acct	ROB-NT	2022-01-16 11:44:39.000		
				MoBook	ALF NGCERA	ROB-NT	2022-01-16 11:44:39.000		
Insert Edit Delete	AF_BOOK	AF	ALF SHARESCHEME	HedgeBook	REL FX FUND ACCT	ROB-NT	2022-01-16 11:44:39.000		
				MoBook	ALF SHARESCHEME	ROB-NT	2022-01-16 11:44:39.000		
				MoHedgeBook	REL FX FUND ACCT	ROB-NT	2022-01-16 11:44:39.000		
				MoHedgeBook	REL FX FUND ACCT	ROB-NT	2022-01-16 11:44:39.000		

Source: Reln_Pchnts ALF_BOOK WFLX ROB MoBook MoHedgeBook ROB-NT 2022-01-16 11:44:39.000

Postman-vain64-8...

7 Support - Errors and actions

8 Contact List

8.1 Business Users

Business users of the tool to contact if there are issues incl:

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Mpedi, Karabo < Karabo.Mpedi@rmb.co.za ⁷ >	
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7. <http://rmb.co.za>

8. <http://rmb.co.za>