



MYRAPIDI *Product Update*



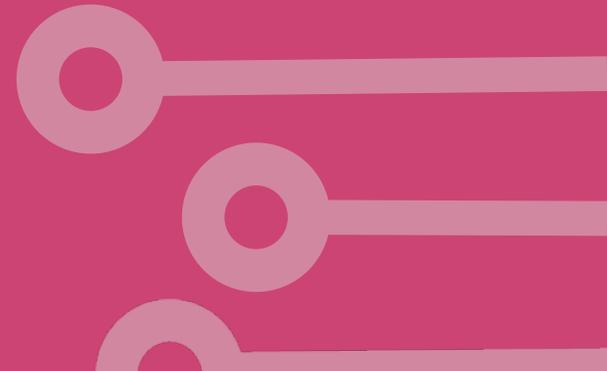
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Founder & Product Development



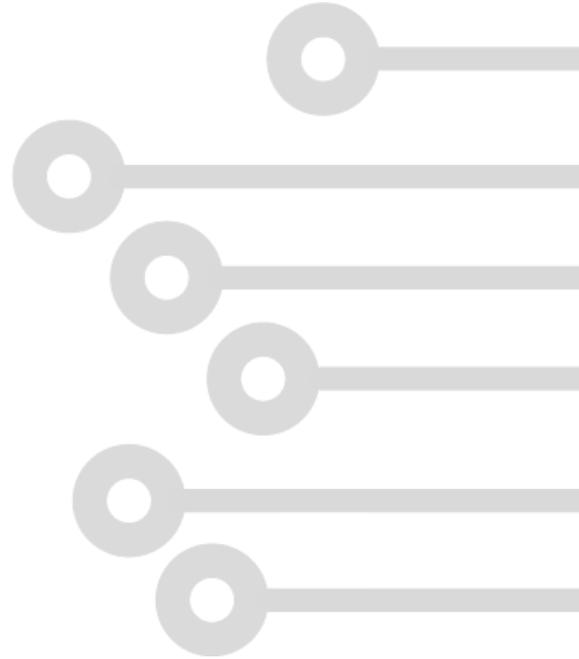
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AGENDA

- **Document your MyRapidI Configuration (PDF)**
- **Comment Feature**
- **Export & Import your Configuration (JSON)**
- **Tags, Description, Setup Schedules**
- **Start & Stop Multiple Schedules**
- **Integrations to REST-based Services**
- **New REST-based API to MyRapidI**
- **Internet of Things (IOT) & SQLite**
- **Other New Features and Updates**
- **Q&A**



DOCUMENT YOUR SETUP (PDF)

- If you need to document your Rapidi configuration you can print your Rapidi configuration to a pdf file.
- If you want to document your entire Rapidi configuration you can do so via the 'Dashboard'
- If you only would like to print selected items under a tab you can do so by selecting the items that you would like to print.

The screenshot shows the Rapidi interface with the 'Transfers' tab selected. A toolbar at the top contains various icons, including a PDF icon circled in red. A red box highlights the 'Select all / clear all' button, and another red box highlights the 'Print / export to pdf' button. Below the toolbar, a list of transfers is displayed with checkboxes for selection.

Transfer Name	Group	Source	Destination	Source Table	Destination Table	Actions
CUST01_SF_ADD	CUST	NAV Customer -> SFDC Account Add	%%COMP%	%%CONN%	SFORCE001	[Icons]
CUST02_SF_UPD	CUST	NAV Customer -> SFDC Account Update	%%COMP%	%%CONN%	SFORCE001	[Icons]
CUST03_NAV_ADD	CUST	SFDC Account -> NAV WS Customer Add	%%COMP%	%%CONNW...	SFORCE001	[Icons]
CUST04_NAV_UPD	CUST	SFDC Account -> NAV WS Customer Update	%%COMP%	%%CONN%	SFORCE001	[Icons]

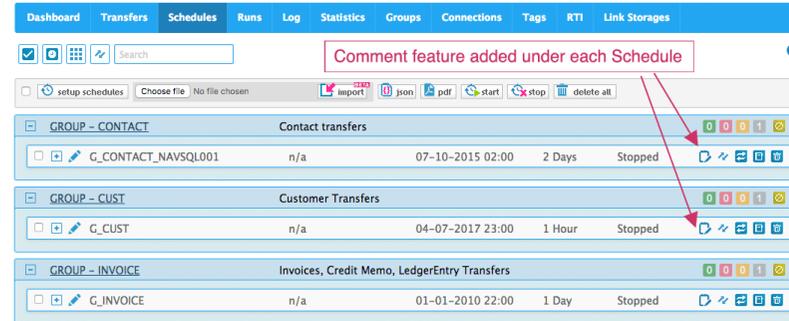
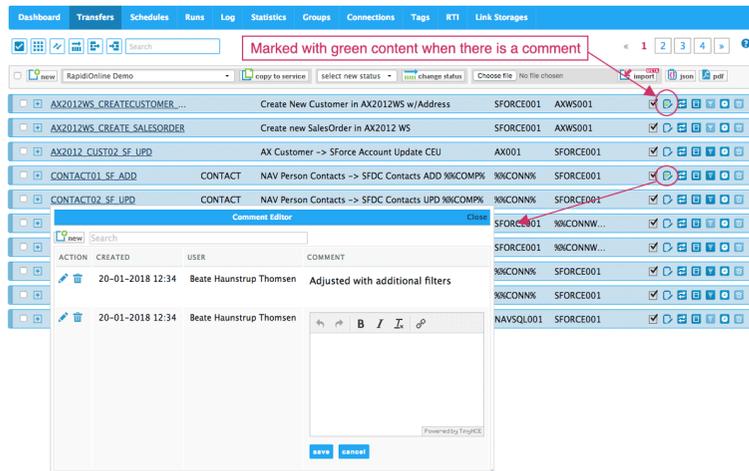
Read more: <https://www.rapidionline.com/product-updates/print-configuration-pdf>

The screenshot shows the configuration details for a transfer named 'Transfer CUST01_SF_ADD'. The interface includes a header with the transfer name and a 'Transfers' breadcrumb. Below the header, there are sections for 'Source Control', 'Table Link (key fields)', 'Field List (mapping)', and 'Filters Source (delimitations)'. The 'Field List' section contains a complex mapping of source fields to destination fields.

Source Field	Destination Field
No.	AccountNumber
Name	Name
Phone No.	Phone
Fax No.	Fax
##Address* IFEQUALS('Address 2', '),'	BillingStreet
PREPEND('Address 2', '<13,10>:LENGTH('Address 2')*2))	BillingPostalCode
City	BillingCity
County	BillingState
##DBLookup('SOURCES','Country/Region','Code','Country/Region Code','Name)	BillingCountry
Home Page	Website

COMMENT FEATURE

- The Comment feature available in all configuration areas in the service such as the Dashboard, Transfers, Schedules, Groups, Tags, Connections & Link Storages.
- Use the comments on the Dashboard to document any special setup concerning the entire configuration and then added specific comments under each Tab (Transfers, Schedules etc.)
- On Transfers page -> Comment icon now on the Transfer header for more direct access to the comments concerning the entire Transfer.

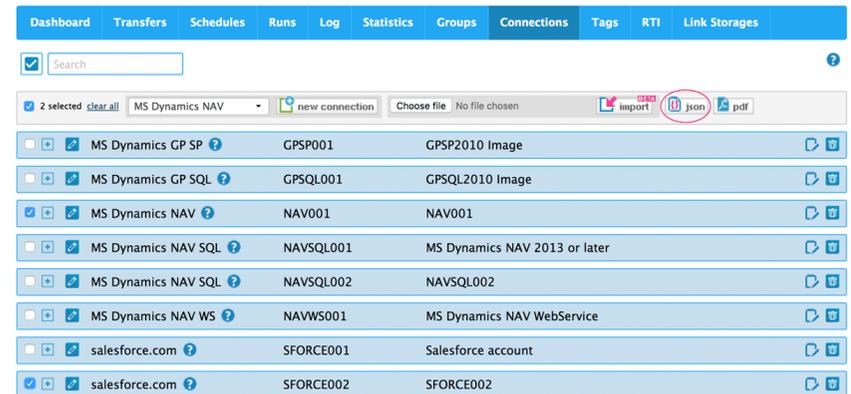


Read more: <https://www.rapidonline.com/product-updates/new-improved-comment-feature-in-myrapidi>

EXPORT TO JSON

There are several reasons why you would want to export your configuration data from MyRapidi:

- The JSON file can serve as a backup of your configuration
- You could use the JSON file as a documentation of your configuration
- To compare different versions of e.g. a transfer - using an external tool like diff
- To copy configuration items from one service to another service (export from one service and import in another service)
- Ability to work with your configuration data in an external editor and then import it into MyRapidi again



- If you want to export your entire Rapidi configuration you can do so via the 'Dashboard'
- If you only want to export selected items under a tab you can do so by selecting the items that you want to export

Read more: <https://www.rapidionline.com/product-updates/export-import-configuration-json>

IMPORT FROM JSON

- If you want to import your entire Rapidi configuration you can do so via the 'Dashboard'
- If you only want to import selected items from your JSON file import the file under the corresponding Tab
- after import a message will let you know how many items have been imported and how many have been skipped
- The successfully imported items will be marked as selected and the filtering on the page will be set to 'only selected'. In this way you can easily get an overview of the successfully imported items.

The screenshot shows the 'Connections' tab in the Rapidi interface. The 'import' button is highlighted with a red circle. Below the import action, a green banner indicates 'Imported 2 Connection(s)'. The interface shows a search filter set to 'Only Selected' and a table of imported connections.

Connection Name	ID	Details
MS Dynamics NAV	NAV001	NAV001
salesforce.com	SFORCE002	SFORCE002

Read more: <https://www.rapidionline.com/product-updates/export-import-configuration-json>

TAGS, DESCRIPTION & SETUP SCHEDULES (1)

WHAT ARE TAGS?

Tags are used on Transfers as a kind of variable or parameter so that the Transfer can be used to transfer data from multiple sources or to multiple destinations (Connections), for example two or more Microsoft Dynamics NAV databases.

DESCRIPTION FIELD ADDED TO TAG VALUES SECTION

When setting up your Tags you define your Tags in the first section. As the next step you will generate the Tag Values. Tag Values are used to store values for the different Tags and one line below is a set of Tag Values that can be used on a Transfer at runtime. We have now added a description field for each set of Tag Values. Use this field to add a meaningful description which will help you select the correct set of Tag Values. We recommend to keep the description short for better readability.

Tags

Tags are used on Transfers as a kind of variable or parameter in order to use the Transfer for different purposes such as e.g to transfer data to several different destinations.
The first Tag in a group is always considered the primary Tag.
This should normally correspond to a Connection.
The Tags are set to specific values at runtime (in the Transfer or on the Schedules).

CODE	DESCRIPTION	CONNECTION TYPE	ACTIONS
CONN	NAV Company Connection	NAVSQL	
CONNWS	NAV WS Company Connection		
COMP	NAV Company abbreviation		
CURR	NAV Company default Currency		
COMPNAME	NAV Company Name		

Tag Values

Tag Values are used to store the corresponding sets of tags and tag values that will be used at runtime.
When running a Transfer manually (which has tags defined), you need to select a set of tags to run it with.
Also when you generate or create schedules, you can select the Tag Values to be added to the Schedules.

ACTIONS	CONN	CONNWS	COMP	CURR	COMPNAME	DESCRIPTION
	NAVSQ001	NAWS001	US	USD	NAV US Company	US
	NAVSQ002	NAWS002	FR	EUR	NAV FR Company	FR

TAGS, DESCRIPTION & SETUP SCHEDULES (2)

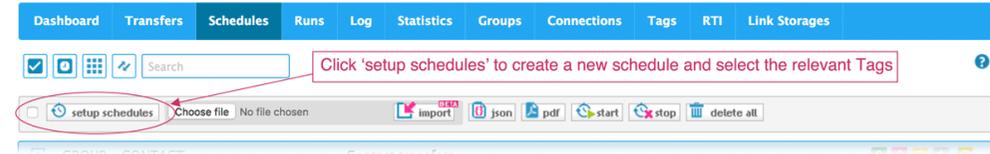
TAGS ON SCHEDULES

Click 'setup schedules' to create a new schedule and select the relevant Tags

Select your Tags

Under the 'Setup Schedules' section where you can select your Tags and as on the Transfer page you will be able to see the description of each set of Tag Values in the dropdown.

This should make it much easier to select the correct set of Tag Values.



Setup Schedules - Here you can create/update one or more schedules at the same time.

The Schedules will all get unique names composed of the transfer or group code, appended with any Tag information chosen.
When you save this form, RapidIOonline will check if the schedule(s) concerned by the selections you made (transfer, group, tags) already exists and either update these or create new schedules as needed.
If you choose a single Transfer or Group and no Tags, then just one schedule will be created/updated. If a Tag group (All Tags) is selected, then one schedule for each Tag will be created/updated.
If no group and no transfer is selected, then a schedule will be created/updated for each group you have.

Select Tags no tags
COMPANY - All Tags
Transfer COMPANY - NAVSQL001: US
 COMPANY - NAVSQL002: FR
Group

Description

Interval Days

Status Ok

Error Handling Skip

Next Date/Time 02-02-2017 17:09

Interval error Hours

Run on these days

- Monday
- Tuesday
- Wednesday
- Thursday
- Friday
- Saturday

STOP & START MULTIPLE SCHEDULES

- Under the Schedules Tab you now have the option to 'start' Schedules and 'stop' Schedules.
- These new options works on the Schedules that you have currently selected.

Start Schedules:

- When starting the selected Schedules their Status is set to 'Ok' which will allow them to run.
- But in order to get them to run now, the 'start schedules' feature will also set the 'nextdatetime' field so that the schedule is due to run now.
- The setting of the 'nextdatetime' is done in an intelligent way in order to preserve the setup that you have on the schedule and ensure that it will continue to run at the same hour or same minute as it was before.

Stop Schedules:

- If you need to stop all selected Schedules you can do so by selecting your Schedules and clicking the 'stop' button. This will set the Status on all selected Schedules to 'Stopped' and they will simply not run anymore. You will need to start them again for them to run again.

Read more: <https://www.rapidionline.com/product-updates/schedules-start-stop-all-schedules>

The image displays three sequential screenshots of the Rapidio Schedules management interface. Each screenshot shows the 'Schedules' tab selected in the top navigation bar. The interface includes a search bar, a toolbar with buttons for 'import', 'json', 'pdf', 'start', 'stop', and 'delete all', and a table of schedules.

Top Screenshot: Shows the 'start' and 'stop' buttons circled in red. The toolbar also includes 'setup schedules', 'Choose file', 'No file chosen', and 'delete all'. The table below shows three schedules under the group 'GROUP - CUST'.

Group	Name	Next Run	Frequency	Status	
G_CUST	G_CUST	02-05-2013 16:30	03-05-2013 01:30	1 Hour	Ok
G_CUST_NAV001	G_CUST_NAV001	n/a	06-12-2013 12:00	1 Hour	Ok
G_CUST_NAV002	G_CUST_NAV002	n/a	06-12-2013 12:00	1 Hour	Ok

Middle Screenshot: Shows a green notification banner: "3 Schedule(s) was successfully started." The 'start' button is circled in red. The table below shows the same three schedules, but their status is now 'Ok'.

Group	Name	Next Run	Frequency	Status	
G_CUST	G_CUST	02-05-2013 16:30	03-05-2013 01:30	1 Hour	Ok
G_CUST_NAV001	G_CUST_NAV001	n/a	06-12-2013 12:00	1 Hour	Ok
G_CUST_NAV002	G_CUST_NAV002	n/a	06-12-2013 12:00	1 Hour	Ok

Bottom Screenshot: Shows a green notification banner: "3 Schedule(s) was successfully stopped." The 'stop' button is circled in red. The table below shows the same three schedules, but their status is now 'Stopped'.

Group	Name	Next Run	Frequency	Status	
G_CUST	G_CUST	02-05-2013 16:30	03-05-2013 01:30	1 Hour	Stopped
G_CUST_NAV001	G_CUST_NAV001	n/a	06-12-2013 12:00	1 Hour	Stopped
G_CUST_NAV002	G_CUST_NAV002	n/a	06-12-2013 12:00	1 Hour	Stopped

INTEGRATIONS TO REST-BASED SERVICES

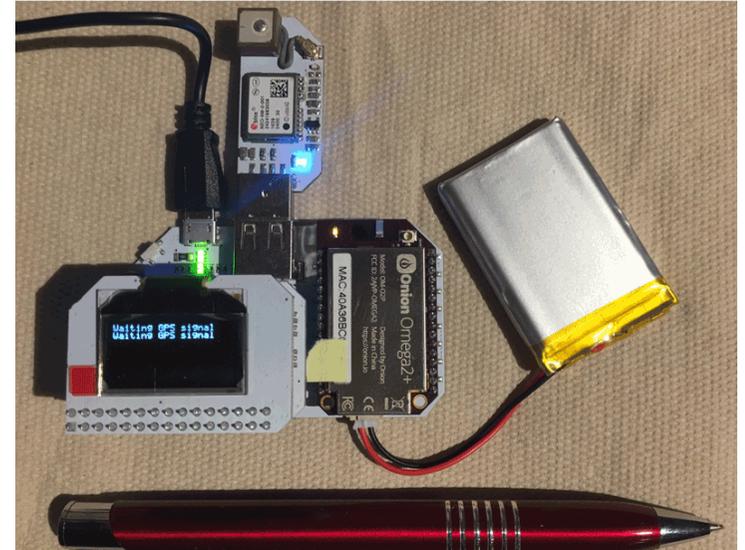
- **general support for REST-based services REST/JSON**
- **basic authentication over SSL**
- **support for tokens to authenticate**
- **support for JSON Schema**
- **examples**
 - **publit (print on-demand)**
 - **CVpartner (curriculum vitae online)**
 - **MyRapidi REST API**
- **ask for others**

REST-BASED API TO MYRAPIDI

- **use cases:**
 - **set a Schedule to run now**
 - **check on Schedule status**
 - **get (error) log entries (TBD)**
 - **set/update RTI values**
 - **set/read/update Link Storage Values**
 - **create Transfers and Connections in a new service (TBD)**
- **support JSON Schema**
- **access/login with normal MyRapidi user**
- **we aim to support all what you can do in the MyRapidi user interface and more...**
- **documentation: wiki.myrapidi.com/RestAPI**
- **tutorial coming soon**

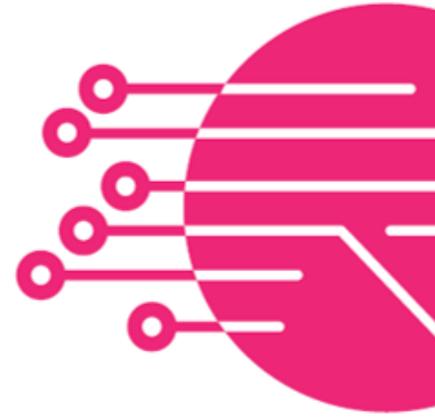
INTERNET OF THINGS (IOT) / SQLITE

- aim to use **Rapidi** to securely transport data from/to small/cheap computers
- can be used to collect data from these devices (temperature/pressure, machine data, GPS position etc.)
- or send data to the device to control e.g. relays or machines
- **RapidiConnector** is running on these devices and fully works (support local **SQLite** database, **SSL** support, connectivity to central service)
- hardware supported (for now) **Omega2+** (onion.io) **580 MIPS CPU** and **128 MB memory** (similar to Arduino and others)



WHAT'S NEW & UPDATED IN MYRAPIDI

- **hybrid deployment**
 - **now all communication between central Rapidi and Hybrid server is SSL (including local MySQL server on Hybrid server)**
- **custom SSL certificates supported**
- **NAV 2017 support**
- **Rapidi central service can be set to force SSL (deny non-SSL connections)**
- **SQLite3 support added**
- **RapidiConnector can now be supplied for Linux if needed (IOT projects etc.)**
- **misc. bug fixes**
- **REST/JSON support added (including support for JSON Schema)**



QUESTIONS?



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www.rapidionline.com
wiki.MyRapidi.com

MORE *Information & Support?*

Product Updates:

<https://www.rapidionline.com/product-updates>

Documentation:

wiki.myrapidi.com

Knowledge Base:

<https://www.rapidionline.com/support/knowledge-base>

Submit a Case:

<https://www.rapidionline.com/support/submit-a-case>

Our Support Team is ready to help!



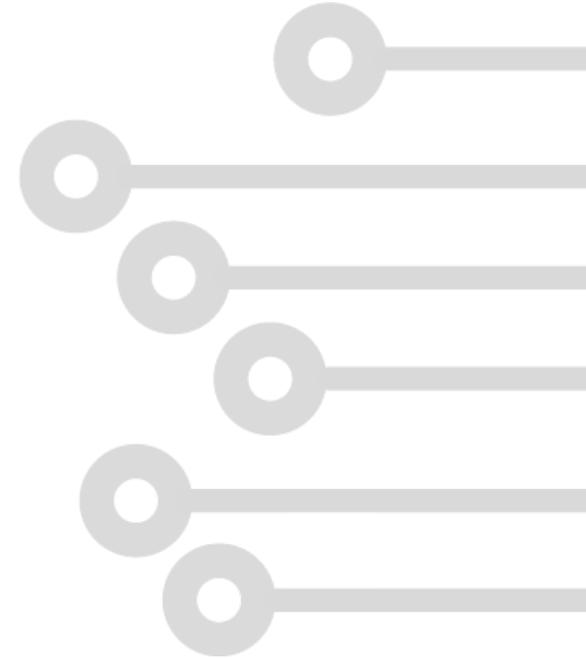
ADA TEE
Senior consultant



FETI JASHARI
Senior consultant



THOMAS BORRING
Senior consultant





THANK YOU!

www.rapidionline.com

