

DDL Automation Process



This README Documentation was created to convey the process used to automate the DDL fridge/freezer daily downloads. Additionally this document will cover the continued support and backlog of the DDL Site download files sent to the Honu DDL email daily.

Files included in this project:

DDL Automation (Fridge/Freezer)

- zone_1_ddl_automation
- zone_1_ddl_renaming

DDL Email Download File Naming

- remove_external_name
- rename_ddl_email_download
- download_name_shortener

Email Download Automation Macros

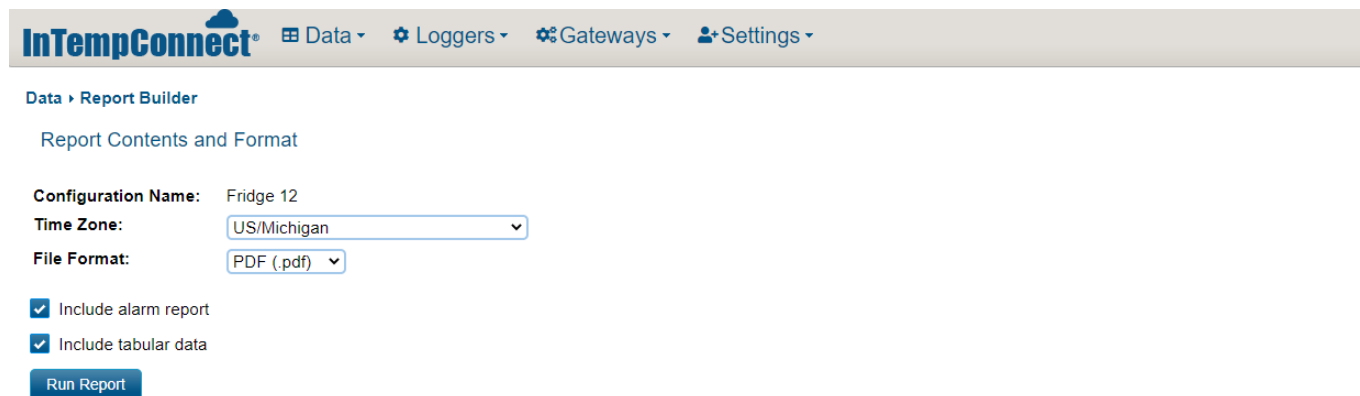
- Download Attachment Name from Email Subject
- Download Attachment Name from Email Body Text
- Download Attachment Name from Email File Name
- Download Attachment Name from Email File Name and Subject
- Download Attachment Name from Email Subject with Special Characters

Run this file to automatically launch log in search and download all DDL reports for LDC Fridge 10, Fridge 11, Fridge 12 and Freezer 18. All files will then automatically be downloaded into the downloads folder.

Drag and drop to reorder columns

Archive	Applicable Configurations										Show Archived (0) Columns		
Trip Info	Logger Label	User Name	Type	Serial Number	Config Date	Stop Date	Start Date	Last Download Date	High Alarm	Low Alarm	Trip Info List	Probe Alarm	Low Battery
	Fridge 12	CX5000-21024593	CX402	21116004	Jun 02, 2022 02:49 EDT	Jun 03, 2022 02:48 EDT	Jun 02, 2022 02:50 EDT	Jun 03, 2022 02:48 EDT					
	Fridge 12	CX5000-21024593	CX402	21116004	Jun 01, 2022 02:49 EDT	Jun 02, 2022 02:49 EDT	Jun 01, 2022 02:50 EDT	Jun 02, 2022 02:49 EDT					
	Fridge 12	CX5000-21024593	CX402	21116004	May 31, 2022 02:48 EDT	Jun 01, 2022 02:49 EDT	May 31, 2022 02:50 EDT	Jun 01, 2022 02:49 EDT					
	Fridge 12	CX5000-21024593	CX402	21116004	May 30, 2022 02:50 EDT	May 31, 2022 02:48 EDT	May 30, 2022 02:55 EDT	May 31, 2022 02:48 EDT					
	Fridge 12	CX5000-21024593	CX402	21116004	May 29, 2022 02:49 EDT	May 30, 2022 02:50 EDT	May 29, 2022 02:50 EDT	May 30, 2022 02:50 EDT					





InTempConnect Data Loggers Gateways Settings

Data > Report Builder

Report Contents and Format

Configuration Name: Fridge 12

Time Zone: US/Michigan

File Format: PDF (.pdf)

☒ Include alarm report

☒ Include tabular data

Run Report

zone_1_ddl_renaming

(In Development) After running the previous file the refrigerator renaming file will then automatically rename the last four files in your downloads folder in the order they were downloaded to the appropriate responding refrigerator or freezer name.

remove_external_name

A large number of files were sent with a non company or external e-mail address. As a result many of the files will be saved similar to the example below.

'[External] 220429 Jefferson Barnes PEDS'

Running this file will remove the '[External]' Section of the file.

'220429 Jefferson Barnes PEDS'

This script is directly targeted at 'S:\Scans\DDL Email Download' and will remove '[External]' from every file inside of the DDL Email Download folder.

If you run into an error it is because the file is removing the external portion and there is a file already named with an identical name. This is an easy fix simply rename the matching file something different then rerun the script.

DDL Email Download

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Search DDL Email Download

	Name	Date modified	Type	Size
★ Quick access				
OneDrive - Honu Management Group				
▼ This PC				
Desktop				
Documents				
▼ Downloads				
chromedriver_win32				
code39				
chromedriver_win32				
code39				
Music				
Pictures				
Videos				
Acer (C:)				
Share (S:)				
Network				
	[PDF] [External] 211117 triumph church	2/10/2022 12:31 AM	Microsoft Edge P...	83 KB
	[PDF] [External] 211117 IGC	2/10/2022 12:31 AM	Microsoft Edge P...	75 KB
	[PDF] [External] 211117 southwestern	2/10/2022 12:31 AM	Microsoft Edge P...	94 KB
	[PDF] [External] 211118 all gods people	2/10/2022 12:31 AM	Microsoft Edge P...	94 KB
	[PDF] [External] 211118 Christian faith ministries	2/10/2022 12:31 AM	Microsoft Edge P...	102 KB
	[PDF] [External] 211118 el bethel Baptist church	2/10/2022 12:31 AM	Microsoft Edge P...	94 KB
	[PDF] [External] 211118 gethsemane church	2/10/2022 12:31 AM	Microsoft Edge P...	95 KB
	[PDF] [External] 211118 Open door church	2/10/2022 12:31 AM	Microsoft Edge P...	100 KB
	[PDF] [External] 211118 South western Church of God	2/10/2022 12:31 AM	Microsoft Edge P...	96 KB
	[PDF] [External] 211210 Mount Calvary Lutheran Church p...	2/10/2022 12:32 AM	Microsoft Edge P...	97 KB
	[PDF] [External] 211210 Triumph Church	2/10/2022 12:32 AM	Microsoft Edge P...	97 KB
	[PDF] [External] 211213 Hartford Memorial	2/10/2022 12:32 AM	Microsoft Edge P...	98 KB
	[PDF] [External] 211213 Lincoln park cc peds	2/10/2022 12:32 AM	Microsoft Edge P...	96 KB
	[PDF] [External] 211213 New Hope peds	2/10/2022 12:32 AM	Microsoft Edge P...	98 KB
	[PDF] [External] 211213 Triumph Church peds	2/10/2022 12:32 AM	Microsoft Edge P...	94 KB
	[PDF] [External] 211214 Booker T dozer rec center	2/10/2022 12:33 AM	Microsoft Edge P...	94 KB
	[PDF] [External] 211214 Hamtramck City Hall	2/10/2022 12:33 AM	Microsoft Edge P...	98 KB
	[PDF] [External] 211214 International gospel center	2/10/2022 12:33 AM	Microsoft Edge P...	92 KB
	[PDF] [External] 211214 Open door church peds	2/10/2022 12:33 AM	Microsoft Edge P...	101 KB
	[PDF] [External] 211214DTW north	2/10/2022 12:33 AM	Microsoft Edge P...	95 KB
	[PDF] [External] 211216 southwestern Church of God peds	2/10/2022 12:33 AM	Microsoft Edge P...	92 KB
	[PDF] [External] 211216 The open door church peds	2/10/2022 12:33 AM	Microsoft Edge P...	99 KB
	[PDF] [External] 211216 The open door church	2/10/2022 12:33 AM	Microsoft Edge P...	106 KB
	[PDF] [External] 211217 Shelter Drmm 3rd St.	2/10/2022 12:34 AM	Microsoft Edge P...	73 KB
	[PDF] [External] 211217 Shelter Mich. veterans foundation	2/10/2022 12:34 AM	Microsoft Edge P...	93 KB

DDL Email Download

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Search DDL Email Download

	Name	Date modified	Type	Size
★ Quick access				
OneDrive - Honu Management Group				
This PC				
Desktop				
Documents				
▼ Downloads				
chromedriver_win32				
code39				
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Music				
Pictures				
Videos				
Acer (C:)				
Share (S:)				
Network				
	[PDF] 211116 olgs orchard lake re	2/10/2022 12:31 AM	Microsoft Edge P...	97 KB
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	[PDF] 211117 triumph church	2/10/2022 12:31 AM	Microsoft Edge P...	83 KB
	[PDF] 211117 IGC	2/10/2022 12:31 AM	Microsoft Edge P...	75 KB
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	[PDF] 211118 el bethel Baptist church	2/10/2022 12:31 AM	Microsoft Edge P...	94 KB
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	[PDF] 211118 Open door church	2/10/2022 12:31 AM	Microsoft Edge P...	100 KB
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	[PDF] 211210 Mount Calvary Lutheran Church peds	2/10/2022 12:32 AM	Microsoft Edge P...	97 KB
	[PDF] 211210 Triumph Church	2/10/2022 12:32 AM	Microsoft Edge P...	97 KB
	[PDF] 211213 Hartford Memorial	2/10/2022 12:32 AM	Microsoft Edge P...	98 KB
	[PDF] 211213 Lincoln park cc peds	2/10/2022 12:32 AM	Microsoft Edge P...	96 KB
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	[PDF] 211216 The open door church peds	2/10/2022 12:33 AM	Microsoft Edge P...	99 KB
	[PDF] 211216 The open door church	2/10/2022 12:33 AM	Microsoft Edge P...	106 KB
	[PDF] 211217 Shelter Drmm 3rd St.	2/10/2022 12:34 AM	Microsoft Edge P...	73 KB

rename_ddl_email_download

Many files were not sent with the correct format or the corresponding site name and as a result have been downloaded with their default settings.

'DDL 113 2022-04-10 19_29_36 EST (Data EST).pdf'

Running this file will remove the excess information and place the date at the beginning so all files can still be sorted by operational date. (see example below)

'220410 DDL 113'

This script is directly targeted at 'S:\Scans\DDL name split' and will reformat every file inside of the DDL name split folder.

After running this file be sure to remove all of the renamed files. Do not re run this file again as it will restructure anything inside of the DDL name split folder. Only rerun this file if every single file inside of DDL name split folder has the original downloaded format.

'DDL 113 2022-04-10 19_29_36 EST (Data EST).pdf'

DDL name split

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	Name	Date modified	Type	Size
★ Quick access				
OneDrive - Honu Management Group				
▼ This PC				
Desktop				
Documents				
Downloads				
Music				
Pictures				
Videos				
Acer (C:)				
Share (S:)				
Network				
	DDL 302 2022-01-05 17_34_46 EST (Data E...	2/10/2022 12:34 AM	Microsoft Edge P...	72 KB
	DDL 303 2022-01-13 21_23_25 EST (Data E...	2/10/2022 12:35 AM	Microsoft Edge P...	72 KB
	DDL 303 2022-01-15 17_07_15 EST (Data E...	2/10/2022 12:35 AM	Microsoft Edge P...	72 KB
	DDL 303 2022-02-10 21_12_04 EST (Data E...	2/10/2022 9:12 PM	Microsoft Edge P...	69 KB
	DDL 303 2022-02-17 19_16_04 EST (Data E...	2/17/2022 7:16 PM	Microsoft Edge P...	77 KB
	DDL 303 2022-02-24 21_10_36 EST (Data E...	2/24/2022 9:10 PM	Microsoft Edge P...	73 KB
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	DDL 308 2022-01-20 21_18_21 EST (Data E...	2/10/2022 12:35 AM	Microsoft Edge P...	70 KB
	DDL 308 2022-02-24 21_09_37 EST (Data E...	2/24/2022 9:09 PM	Microsoft Edge P...	73 KB
	DDL 309 2022-01-20 21_20_57 EST (Data E...	2/10/2022 12:35 AM	Microsoft Edge P...	70 KB
	DDL 309 2022-01-22 17_20_42 EST (Data E...	2/10/2022 12:36 AM	Microsoft Edge P...	68 KB
	DDL 309 2022-02-24 21_08_31 EST (Data E...	2/24/2022 9:08 PM	Microsoft Edge P...	73 KB
	DDL 310 2022-01-06 20_47_36 EST (Data E...	2/10/2022 12:34 AM	Microsoft Edge P...	62 KB
	DDL 310 2022-01-20 21_15_22 EST (Data E...	2/10/2022 12:35 AM	Microsoft Edge P...	71 KB
	DDL 310 2022-02-10 21_10_48 EST (Data E...	2/10/2022 9:11 PM	Microsoft Edge P...	70 KB
	DDL 312 2022-01-20 21_16_54 EST (Data E...	2/10/2022 12:35 AM	Microsoft Edge P...	71 KB
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	DDL 313 2022-01-05 17_36_48 EST (Data E...	2/10/2022 12:34 AM	Microsoft Edge P...	71 KB
	DDL 314 2022-01-04 17_03_56 EST (Data E...	2/10/2022 12:34 AM	Microsoft Edge P...	72 KB
	DDL 314 2022-01-07 09_52_27 EST (Data E...	2/10/2022 12:35 AM	Microsoft Edge P...	64 KB
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DDL name split

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	Name	Date modified	Type	Size
★ Quick access				
OneDrive - Honu Management Group				
This PC				
Desktop				
Documents				
Downloads				
Music				
Pictures				
Videos				
Acer (C:)				
Share (S:)				
Network				
	220104 DDL 314	2/10/2022 12:34 AM	Microsoft Edge P...	72 KB
	220105 DDL 302	2/10/2022 12:34 AM	Microsoft Edge P...	72 KB
	220105 DDL 313	2/10/2022 12:34 AM	Microsoft Edge P...	71 KB
	220106 DDL 306	2/10/2022 12:34 AM	Microsoft Edge P...	78 KB
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	220120 DDL 308	2/10/2022 12:35 AM	Microsoft Edge P...	70 KB
	220120 DDL 309	2/10/2022 12:35 AM	Microsoft Edge P...	70 KB
	220120 DDL 310	2/10/2022 12:35 AM	Microsoft Edge P...	71 KB
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	220124 DDL 314	2/10/2022 12:37 AM	Microsoft Edge P...	72 KB
	220129 DDL 315	2/10/2022 12:37 AM	Microsoft Edge P...	69 KB
	220129 DDL 316	2/10/2022 12:37 AM	Microsoft Edge P...	70 KB
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	220209 DDL 319	2/10/2022 12:38 AM	Microsoft Edge P...	72 KB
	220210 DDL 303	2/10/2022 9:12 PM	Microsoft Edge P...	69 KB
	220210 DDL 310	2/10/2022 9:11 PM	Microsoft Edge P...	70 KB
	220210 DDL 313	2/10/2022 9:09 PM	Microsoft Edge P...	70 KB

Email Download Automation Macros

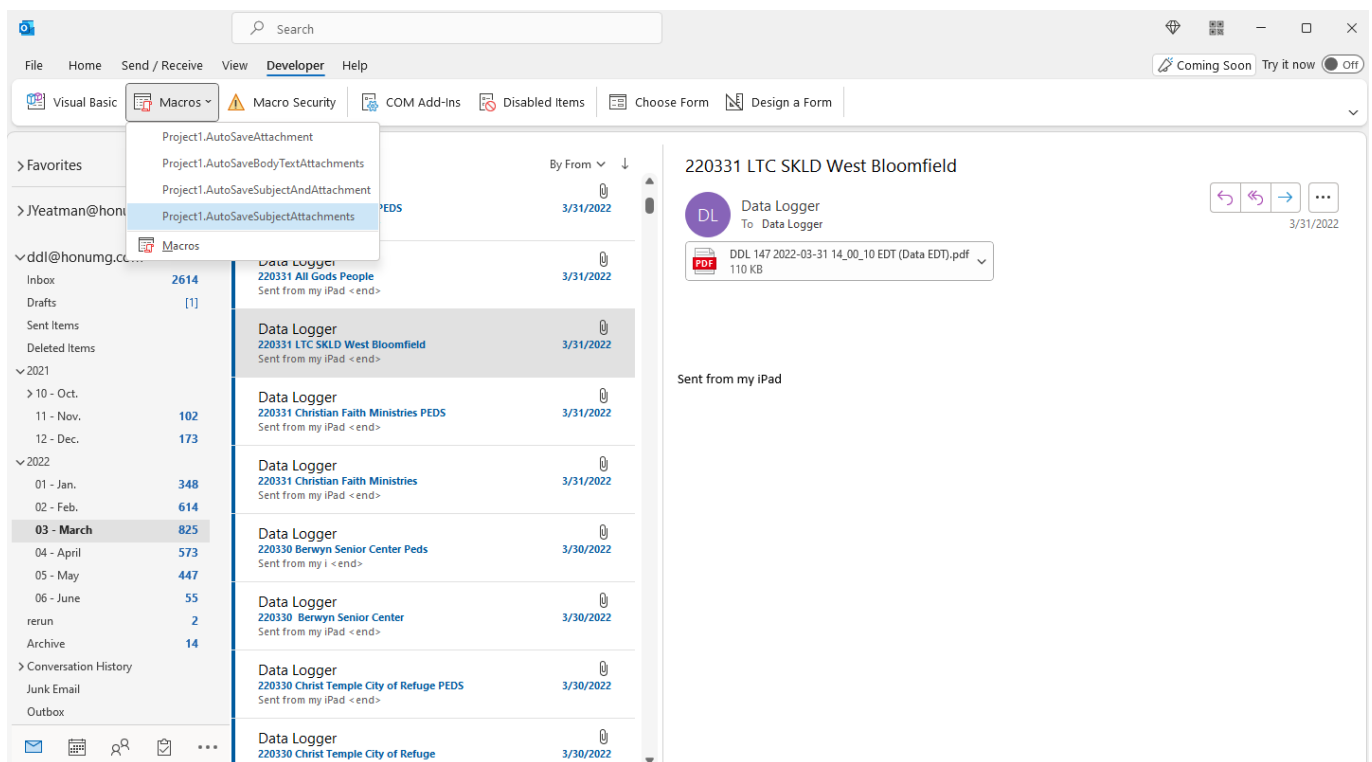
Download Attachment Name from Email Subject

Download Attachment Name from Email Body Text

Download Attachment Name from Email File Name

Download Attachment Name from Email File Name and Subject

Download Attachment Name from Email Subject with Special Characters



The following files represent custom VBA code that was used to generate a custom macro commands within the DDL email.

These macros are only accessible on the Outlook desktop application and you must be logged in to the DDL Email account.

To execute the macro simply select the emails you wish to automatically download attachments from and then select which macro you would like to run.

All of the files will be saved to the same location S:\Scans\DDL Email Download' Except the download by file name command. This command will save the selected email attachments directly to the name split folder.

S:\Scans\DDL name split'