




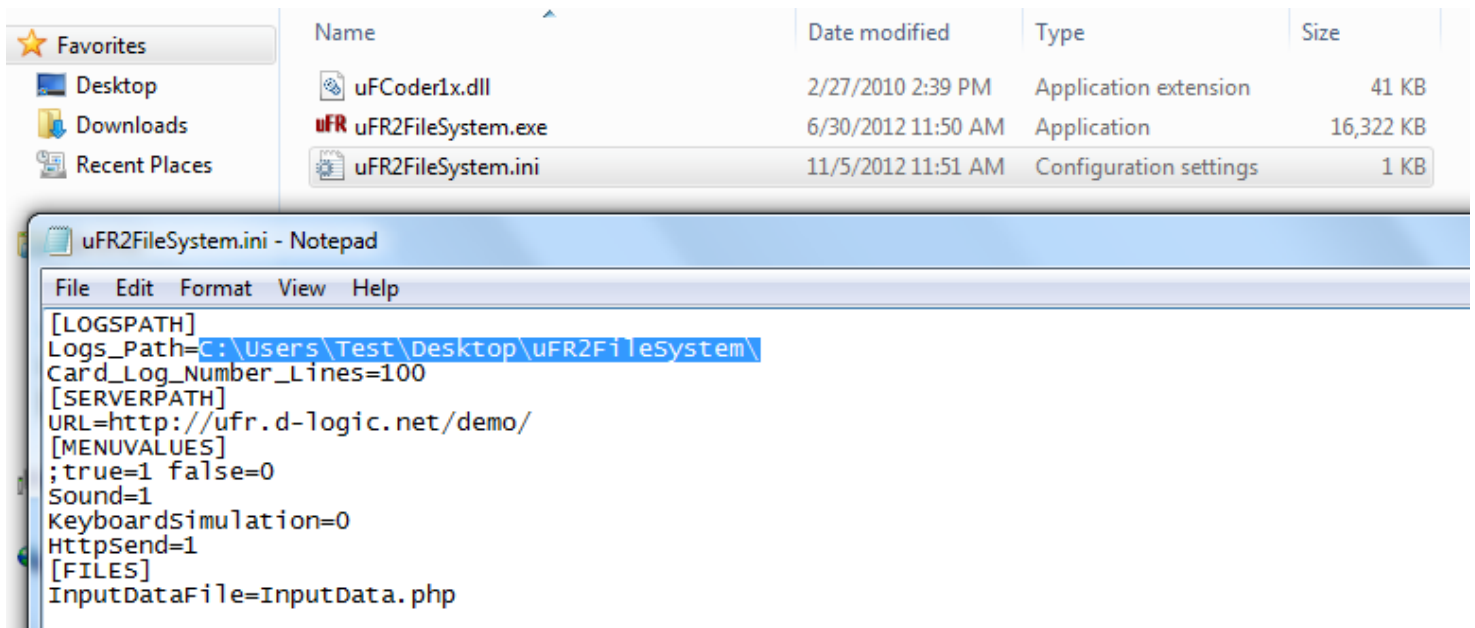
uFR2FileSystem Application Instructions

uFR2FileSystem application is available for download at: <http://www.d-logic.net/index.php/download>




Name	Date modified	Type	Size
 uFCoder1x.dll	2/27/2010 2:39 PM	Application extension	41 KB
 uFR2FileSystem.exe	6/30/2012 11:50 AM	Application	16,322 KB
 uFR2FileSystem.ini	11/5/2012 11:51 AM	Configuration settings	1 KB

Step 1. Log directory path configuration

Edit “**uFR2FileSystem.ini**” file and specify directory path where you want to create the folder with log files. Enter the desired path in selected field. Otherwise log directory will be created in the parent folder of the application.



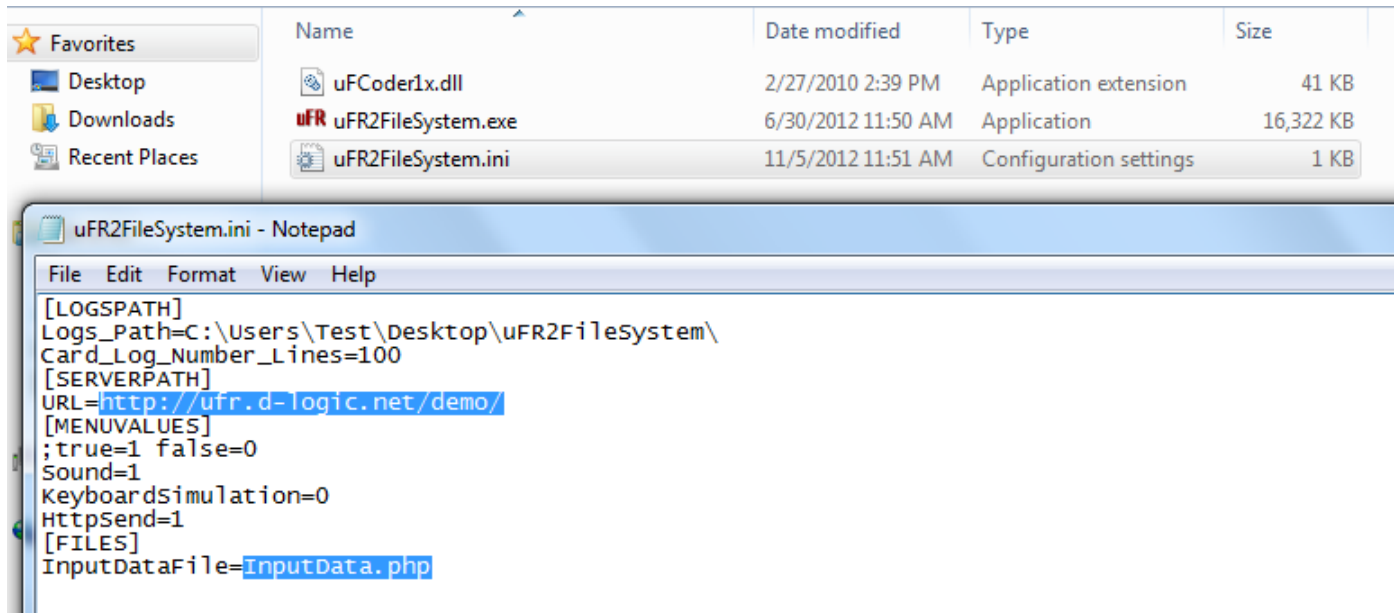
The screenshot shows a Windows Explorer window with a sidebar containing 'Favorites' (Desktop, Downloads, Recent Places) and a main pane displaying a table of files. Below the table, a Notepad window titled 'uFR2FileSystem.ini - Notepad' is open, showing the configuration file's content. The 'Logs_Path' line is highlighted in blue.

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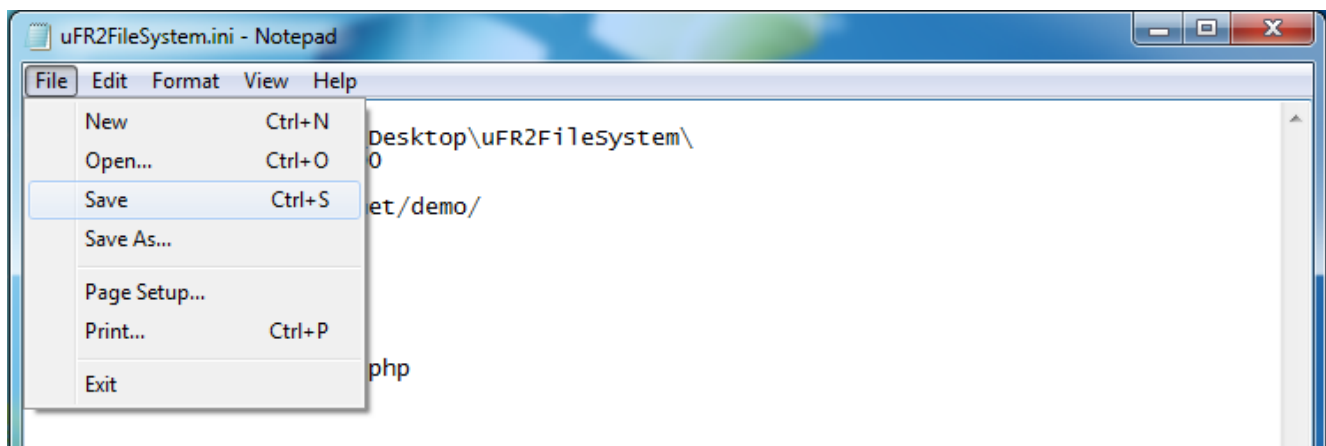

```
File Edit Format View Help
[LOGSPATH]
Logs_Path=C:\Users\Test\Desktop\uFR2FileSystem\
Card_Log_Number_Lines=100
[SERVERPATH]
URL=http://ufr.d-logic.net/demo/
[MENUVALUES]
;true=1 false=0
Sound=1
Keyboardsimulation=0
HttpSend=1
[FILES]
InputDataFile=InputData.php
```

Step 2. HTTP function – server path configuration

Server URL needs to be specified in order to use **HTTP Send** function of **uFR2FileSystem** application for online database integration. Localhost server could be used as well or you can run the test on D-Logic demo database (this URL is already specified in the uFR2FileSystem.ini).






Save the changes and close the file.

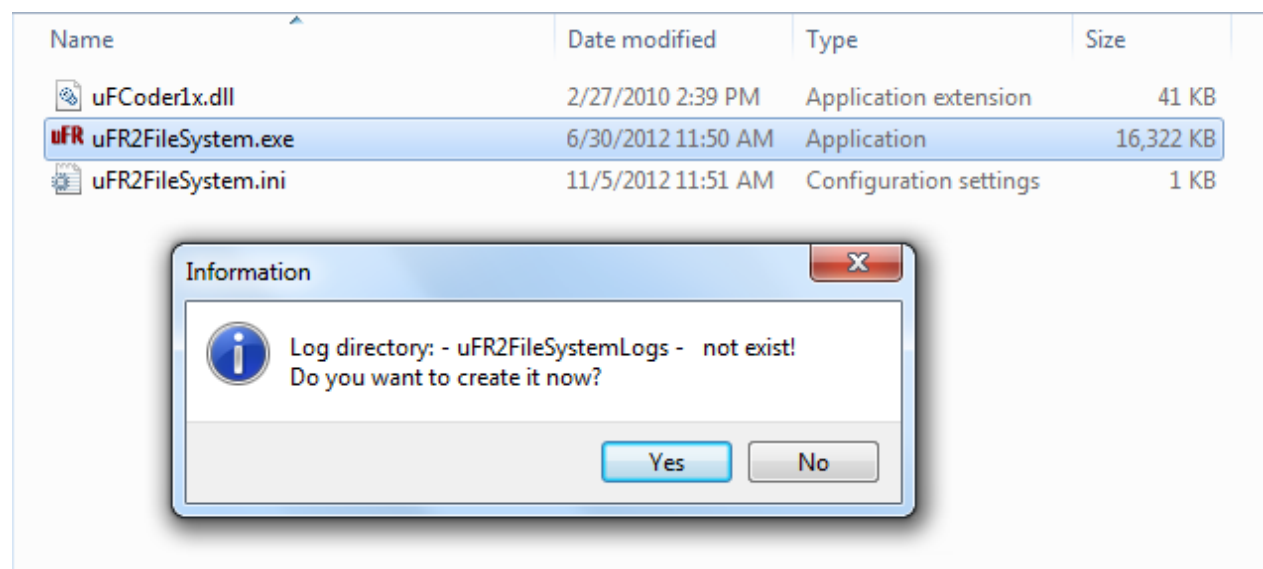


Step 3. Run the application





Start the **uFR2FileSystem** application by running the “**uFR2FileSystem.exe**” file.

Name	Date modified	Type	Size
 uFCoder1x.dll	2/27/2010 2:39 PM	Application extension	41 KB
 uFR2FileSystem.exe	6/30/2012 11:50 AM	Application	16,322 KB
 uFR2FileSystem.ini	11/5/2012 11:51 AM	Configuration settings	1 KB

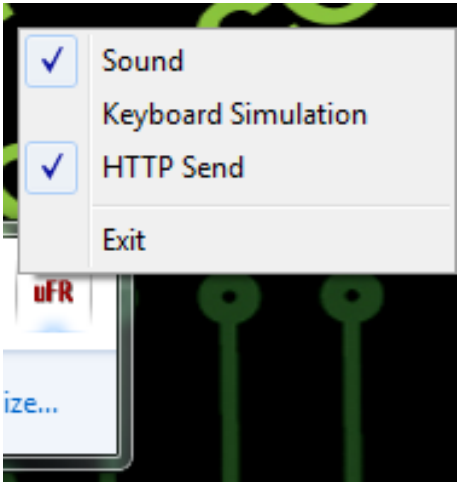
When you start the application for the first time you'll get a popup message to confirm the creation of the log directory.



Log directory “**uFR2FileSystemLogs**” is created.





Name	Date modified	Type	Size
 uFR2FileSystemLogs	11/5/2012 12:26 PM	File folder	
 uFCoder1x.dll	2/27/2010 2:39 PM	Application extension	41 KB
 uFR2FileSystem.exe	6/30/2012 11:50 AM	Application	16,322 KB
 uFR2FileSystem.ini	11/5/2012 11:51 AM	Configuration settings	1 KB

Right click the **uFR2FileSystem** system tray icon to view (enable/disable) application functions.



Newly created directory contains three text log files and one subdirectory.

Each log file is empty since no activity has been recorded yet.

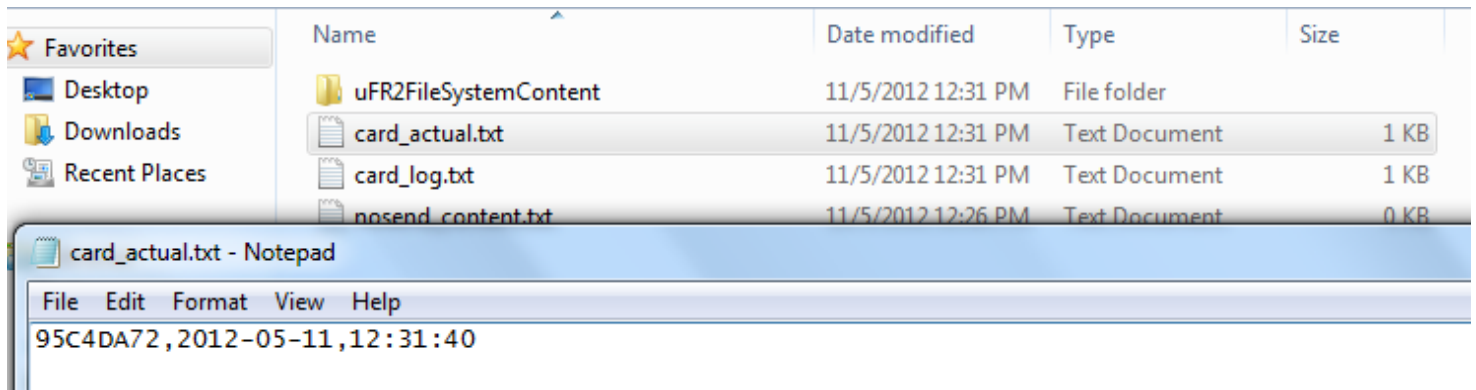
Name	Date modified	Type	Size
 uFR2FileSystemContent	11/5/2012 12:26 PM	File folder	
 card_actual.txt	11/5/2012 12:26 PM	Text Document	0 KB
 card_log.txt	11/5/2012 12:26 PM	Text Document	0 KB
 nosend_content.txt	11/5/2012 12:26 PM	Text Document	0 KB

Step 4. Card reading and event recording

When a card is read, the event will be recorded in the log files.

card_actual.txt records log activity for the last read card. The log file has the following form:

[card serial number], [date of reading], [time of reading]

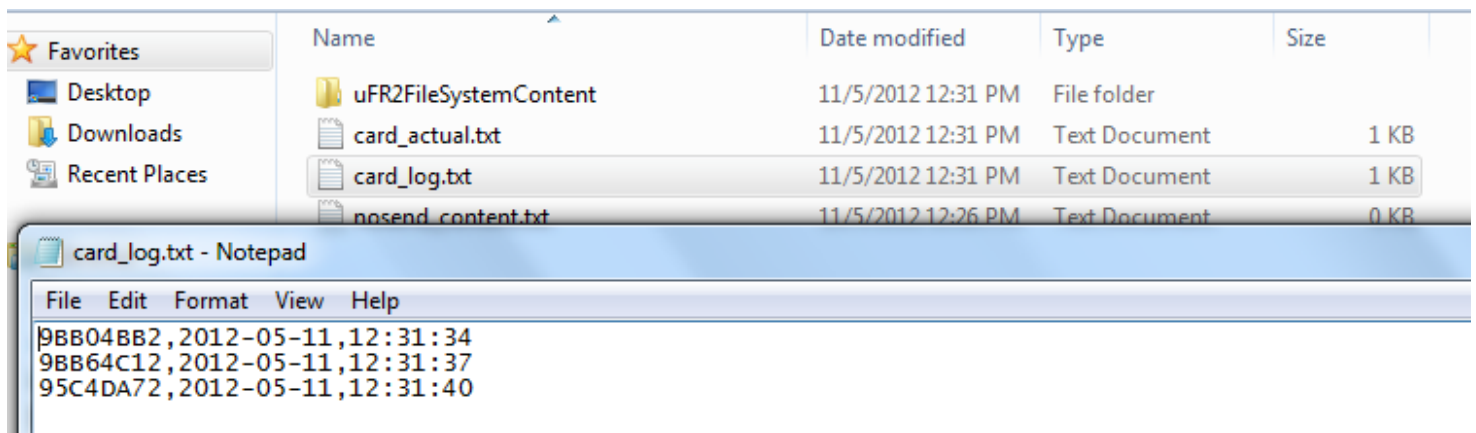


card_log.txt is log file that creates the list of all recorded readings in the following form:

[card serial number], [date of reading], [time of reading]

[card serial number], [date of reading], [time of reading]

[card serial number], [date of reading], [time of reading]



“uFR2FileSystemContent” folder contains log files for each read card individually. Card UID is used as a file name of the card log file. Cards data is recorded in the following form:

[card serial number], [date of reading], [time of reading]

[cards whole content]

Name	Date modified	Type	Size
uFR2FileSystemContent	11/5/2012 12:31 PM	File folder	
card_actual.txt	11/5/2012 12:31 PM	Text Document	1 KB
card_log.txt	11/5/2012 12:31 PM	Text Document	1 KB
nosend_content.txt	11/5/2012 12:26 PM	Text Document	0 KB

★ Favorites

Desktop

Downloads

Recent Places

Name	Date modified	Type	Size
9BB04BB2.txt	11/5/2012 12:31 PM	Text Document	1 KB
9BB64C12.txt	11/5/2012 12:31 PM	Text Document	1 KB
95C4DA72.txt	11/5/2012 12:31 PM	Text Document	1 KB

9BB04BB2.txt - Notepad

File Edit Format View Help

9BB04BB2,2012-05-11,12:31:34
Test card 1

★ Favorites

Desktop

Downloads

Recent Places

Name	Date modified	Type	Size
9BB04BB2.txt	11/5/2012 12:31 PM	Text Document	1 KB
9BB64C12.txt	11/5/2012 12:31 PM	Text Document	1 KB
95C4DA72.txt	11/5/2012 12:31 PM	Text Document	1 KB

9BB64C12.txt - Notepad

File Edit Format View Help

9BB64C12,2012-05-11,12:31:37
Test card 2

★ Favorites

Desktop

Downloads

Recent Places

Name	Date modified	Type	Size
9BB04BB2.txt	11/5/2012 12:31 PM	Text Document	1 KB
9BB64C12.txt	11/5/2012 12:31 PM	Text Document	1 KB
95C4DA72.txt	11/5/2012 12:31 PM	Text Document	1 KB

95C4DA72.txt - Notepad

File Edit Format View Help

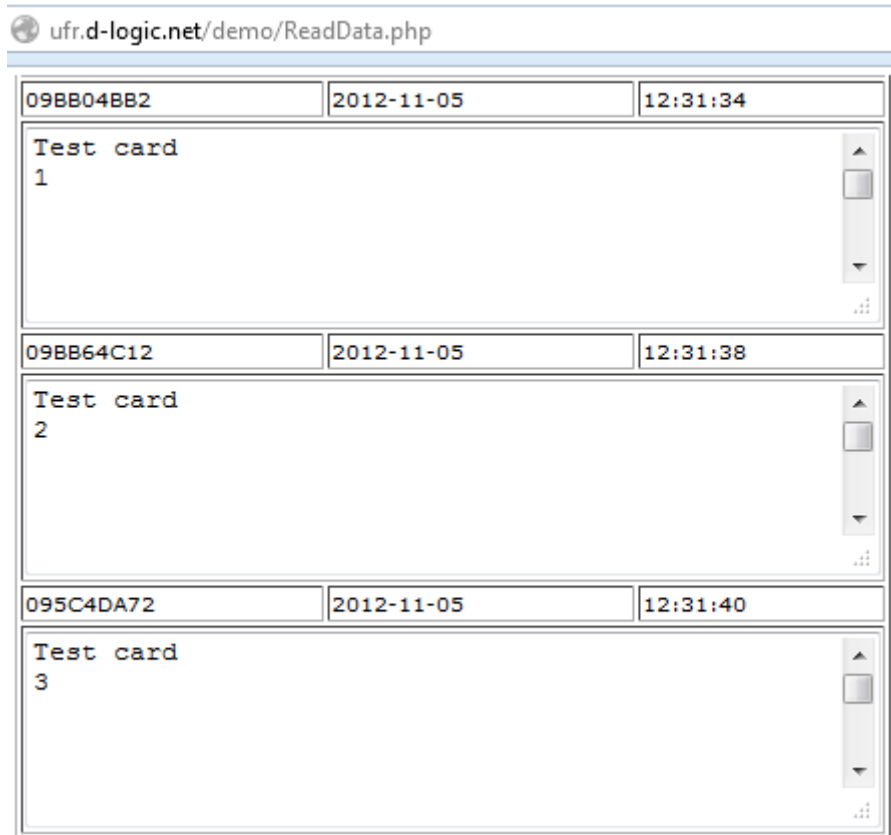
95C4DA72,2012-05-11,12:31:40
Test card 3

Step 5. Online database view

Card logs list will be shown online by running the ReadData.php script on the server specified in the ".ini" file.

Please visit our web site <http://www.d-logic.net/download> for instructions on how to make your own mySQL database and server.

If **HTTP Send** function is disabled, logs will be stored in **nosend_content.txt**. All collected logs will be proceeded to the online data base when the **HTTP Send** function is enabled again.



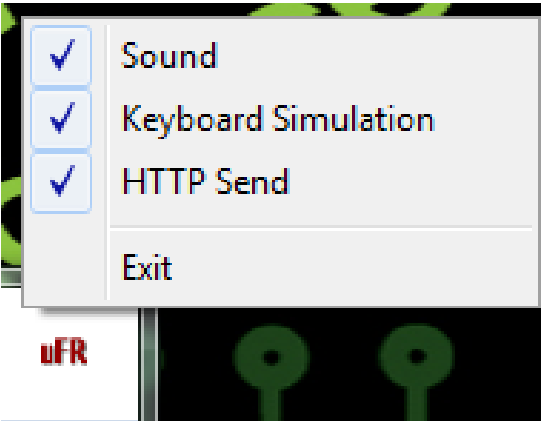
09BB04BB2	2012-11-05	12:31:34	Test card 1
09BB64C12	2012-11-05	12:31:38	Test card 2
095C4DA72	2012-11-05	12:31:40	Test card 3

Keyboard Simulation function

Right click **uFR2FileSystem** system tray icon and select **Keyboard Simulation** option.

When **Keyboard Simulation** function is enabled, you can input your cards content into any selected field or form by simply reading a card.

To fill the form, use comma, tab or some other separator when you write data into the card. With Keyboard Simulation function, all that data will be entered into the form with just one reading of the card.



A screenshot of the Microsoft Word application. The text 'Test card 1', 'test card 2', and 'test card 3' is entered into a text box. The 'Centered (Ctrl+E)' button is highlighted in the ribbon.

A screenshot of the Microsoft Excel application. The data from the card is entered into the spreadsheet. The data is as follows:

	A	B	C	D
1				
2				
3		test card 1		
4				
5		test card 2		
6				
7		test card 3		
8				
9				
10				

A screenshot of the Notepad application. The text 'test card 1', 'test card 2', and 'test card 3' is entered into the text area.

A screenshot of the Google search results for the query 'test card 1'. The search results show 'About 519,000,000 results (0.75 seconds)'.