



Mobile TD/TTC/LTE

PC Tools for TD/TTC/LTE

Flashexplorer UserGuide

V1.0

Document Conventions



Note: Provides related information or information of special importance.



Caution

Caution: Indicates potential damage to hardware or software, or loss of data.



Warning: Indicates a risk of personal injury.

Document Status

Doc Status: UE ConSole User Guide

Technical Publication:

For more information, visit our website at: www.asrmicro.com

Disclaimer

No part of this document may be reproduced or transmitted in any form or by any means, electronic or mechanical, including photocopying and recording, for any purpose, without the express written permission of Asrmicro. ASR retains the right to make changes to this document at any time, without notice. ASR makes no warranty of any kind, expressed or implied, with regard to any information contained in this document, including, but not limited to, the implied warranties of merchantability or fitness for any particular purpose. Further, ASR does not warrant the accuracy or completeness of the information, text, graphics, or other items contained within this document. ASR products are not designed for use in life-support equipment or applications that would cause a life-threatening situation if any such products failed. Do not use ASR products in these types of equipment or applications.

Copyright © 2020. ASR International Ltd. All rights reserved..

Table of Contents

1 INTRODUCTION.....	4
1. 1 <i>FLASHEXPLORER FUNCTION</i>	4
2 USAGE.....	5
2. 1 <i>START FLASHEXPLORER</i>	5
2. 2 <i>OPEN FLASH DATA FILES</i>	5
2. 3 <i>COPY FILE TO FLASH MEMORY</i>	6
2. 4 <i>RENAME FILE</i>	7
2. 5 <i>DELETE FLASH DATA FILES</i>	7
3 APPENDIX.....	8
3.1 <i>REPORT ISSUES</i>	8
3.2 <i>UPDATE THIS DOCUMENT</i>	8
3.3 <i>REVISION HISTORY</i>	8

1 Introduction

1.1 Flashexplorer Function

The Flash Explorer enables you to access and modify data files located in the UE flash memory. The Flash Explorer is also responsible for the transfer of data files between the CATStudio application and the flash memory of a target device.

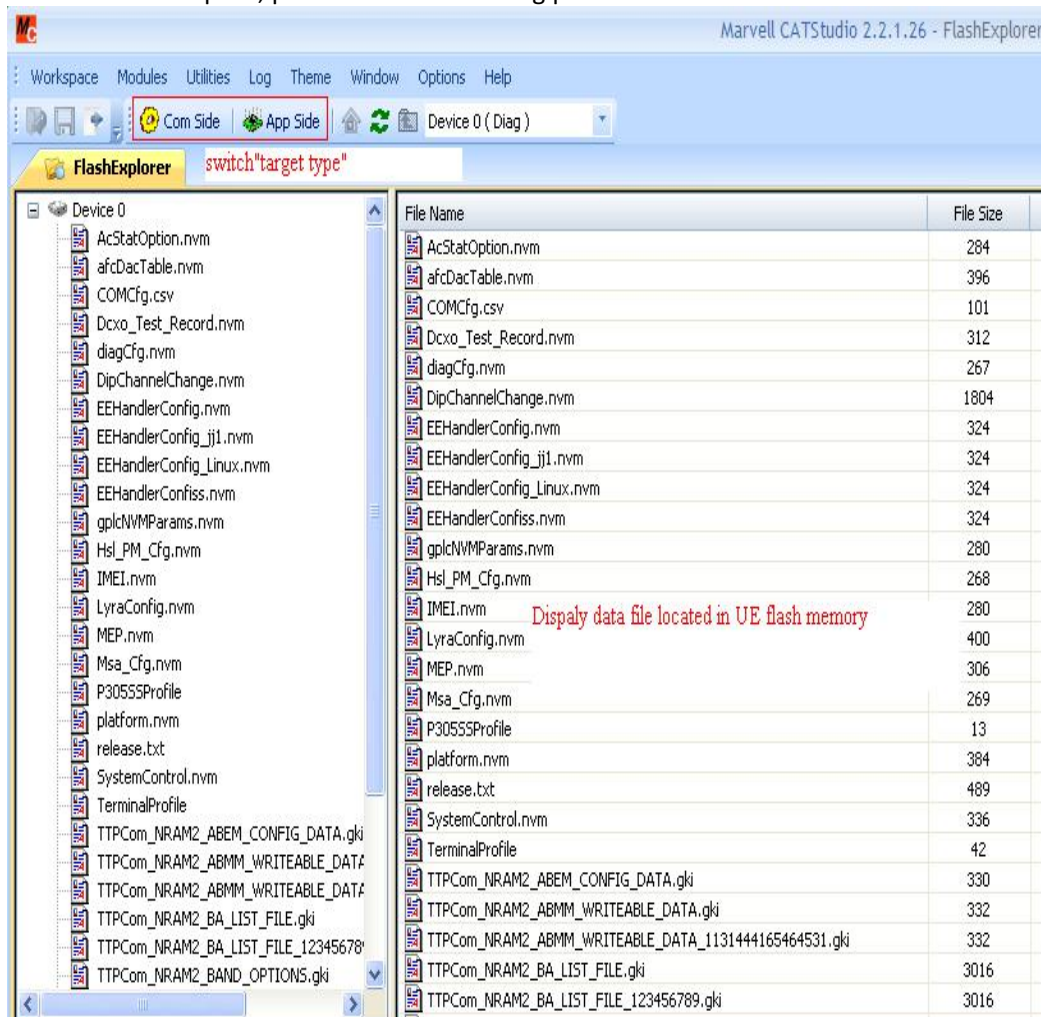
The FlashExplorer allows you to perform the following operations::

- 1) Open and view file stored in UE flash memory
- 2) Copy files from an CATStudio workstation and paste in UE flash memory
- 3) Rename files stored in UE flash memory
- 4) Delete files from the UE flash memory

2 Usage

2.1 Start Flasheplorer

- 1、 Select Modules->Flasheplorer from the top menu bar in CATStudio.
- 2、 Select “Target Type”(Communication or Application)
- 3、 Click Ok to confirm the Target Type selection , The Flasheplorer is shown in the Display Area of CATStudio workspace, please see the following picture:



2.2 Open flash Data Files

- 1、 Double-click the desired file to open (or right click mouse to select “open”),see the following picture:

File Name	File Size	Attributes	Cre
AcStatOption.nvm	284		0
afcDacTable.nvm	396		0
COMCfg.csv	101		0
Dcxo_Test_Record.nvm	312		0
diagCfg.nvm	267		0
DipChannelChange.nvm	1804		0
EEHandlerConfig.nvm	324		0
EEHandlerConfig_jj1.nvm	324		0
EEHandlerConfig_Linux.nvm	324		0
EEHandlerConfiss.nvm	324		1
gplcNVMParams.nvm	280		0
Hsl_PM_Cfg.nvm	268		0
IMEI.nvm	280		0
LyraConfig.nvm	400		0
MEP.nvm	306		0
Msa_Cfg.nvm	269		0
P305SSProfile	13		0
platform.nvm	384		0

open the flash data file, two ways:
1、 Double -click the data file ;
2、 Right click mouse, and select "open"

2、Flashexplorer use StructViewer application to view the content of the file, see the following picture:

Marvell CATstudio 2.2.1

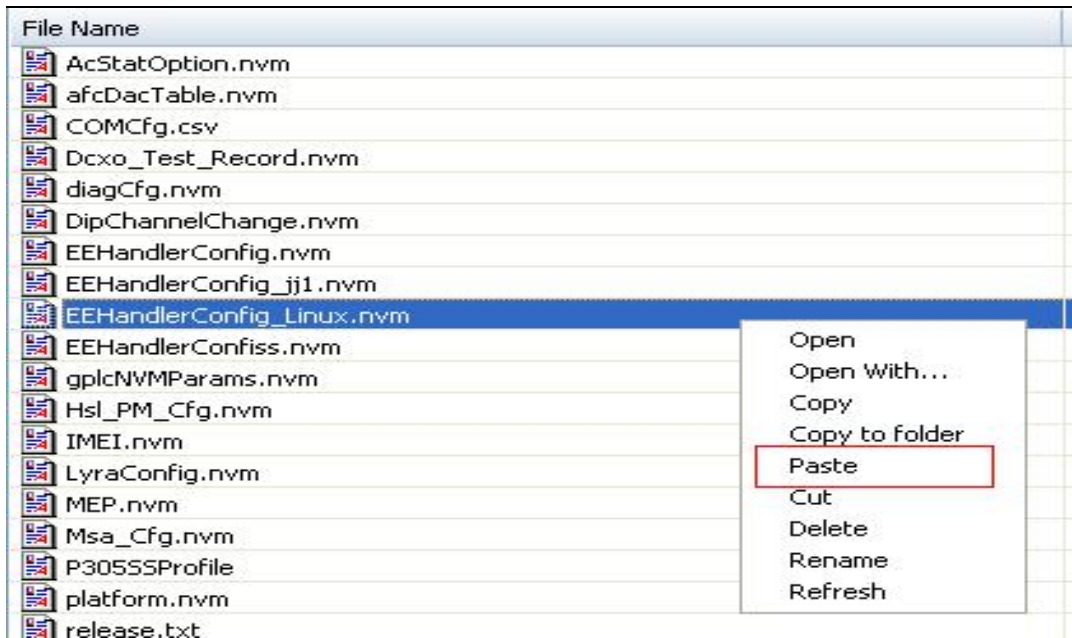
Workspace Modules Utilities Log StructViewer Theme Window Options Help

FlashExplorer StructViewer - EE_Configuration_t

Structures & Variables	Types	Values
EE_Configuration_t		
AssertHandlerOn (EE_OnOff_t)	EE_ON	1
ExcepHandlerOn (EE_OnOff_t)	EE_ON	1
WarningHandlerOn (EE_WarningOn_t)	EE_WARN_ASSERT	2
powerUpLogOn (EE_OnOff_t)	EE_ON	1
extHandlersOn (EE_OnOff_t)	EE_ON	1
printRecentLogOnStartup (EE_OnOff_t)	EE_ON	1
finalAction (FinalAct_t)	EE_EXTERNAL	3
EELogFileSize	unsigned long	0
delayOnStartup	unsigned short	0
assertContextBufType (EE_ContextType_t)	EE_CT_StackDump	2
exceptionContextBufType (EE_ContextType_t)	EE_CT_StackDump	2
warningContextBufType (EE_ContextType_t)	EE_CT_StackDump	2
deferredCfg	EE_DeferredCfg_t	
wdtConfigTime (EE_WdtTimeCfg_t)	EE_WDT_TIME_10SEC	10000
sysEeHandlerLimit	unsigned short	0
dumpDdrSizeBytes	unsigned long	0
reserved [24]	unsigned char	r

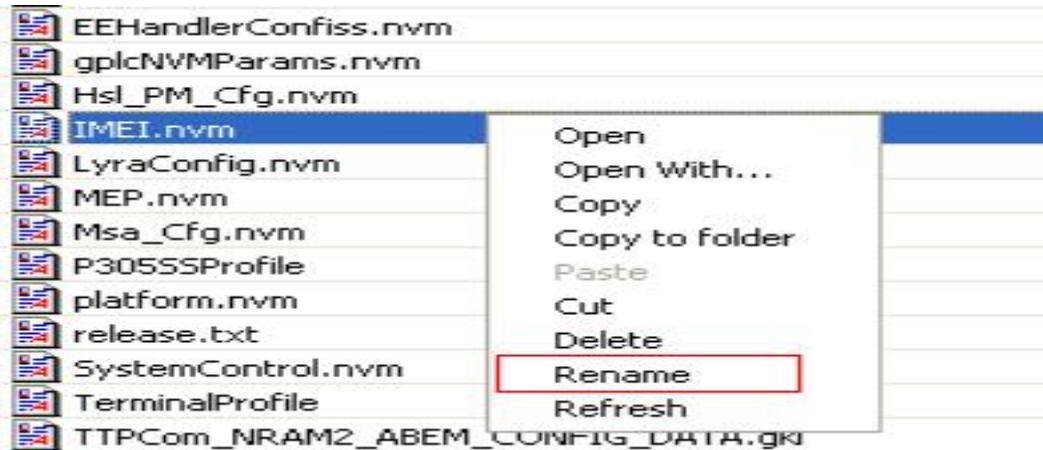
2.3 Copy File to Flash memory

- 1、copy file to clipboard 。
- 2、right click mouse and then select “Paste” in FlashExplorer window,see the following picture:



2.4 Rename File

1、Highlight the appropriate file and right click mouse to select “Rename” in FlashExplorer window, see the following picture:



2.5 Delete flash Data Files

1、Highlight the appropriate file and right click mouse to select “Delete”

3 Appendix

3.1 Report issues

Please visit webs: <http://support.asrmicro.com>.

Or contact Marvel FAE/AE

Or please send email to lianghuxu@asrmicro.com with "PC Tools User Doc Issue/Update: ..." title

Or submit an issue at CQ web: <http://sh2-cq01.asrmicro.com/cqweb/login>.

3.2 Update this document

Please send updated document to lianghuxu@asrmicro.com with "PC Tools User Doc Issue/Update: ..." title for merging, and you will receive merged latest version.

3.3 Revision History

Rev	Description	Date
1.00	Initial version	2012-04-11
1.01	Commit to SVN.	2012-04-19