

Test execution document: DaCoPAn

DaCoPAn

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Software Engineering Project
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Course

581260 Software Engineering Project (6 cr)

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Change Log

Version	Date	Modifications
1.0	26.05.2004	First version

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1 Introduction

This document contains the results of the execution of different system tests completed on the DaCoPAn solution. To see other results concerning the Analyzer and Animator modules, refer to the test execution documents particular to these modules.

Section 2 introduces the results of system tests that used the tcpdump logs provided by the customer for some networking scenarios. Section 3 presents the results of tests that used other tcpdump logs. In section 4 the bugs and fixes report used to track and correct bugs can be found.

The results of the test execution will be presented in subsection of this kind:

- Id and name of the executed test.
- Description of the test, or collected results.
- Errors found if any, and maybe a reference to the bug and fixes report.

2 Networking scenario tcpdump log pairs

2.1 Test TE0001 - Scenario 201 - IP Delivery and content

- DESCRIPTION
 - Analyzer was executed for tcpdump log pair 201-MN-25022004-143643 and 201-RN-25022004-143643 and generated a pef file (pef_1_1.pef).
 - A human readable file was created using the tcpdump tool (pef_1.td_info).
 - Animator was executed and the generated pef file was loaded.
 - The information present in the visualization was the same in the human readable tcpdump file. Encapsulation was correct.
- FOUND ERRORS
 - No errors found.

2.2 Test TE0002 - Scenario 310 - IP Fragmentation and simple UDP data transfer

- DESCRIPTION
 - Analyzer was executed for tcpdump log pair 310-MN-25022004-143728 and 310-RN-25022004-143728 and generated a pef file (pef_2_1.pef).

- A human readable file was created using the tcpdump tool (pef_2.td_info).
 - Animator was executed and the generated pef file was loaded.
 - The information present in the visualization was the same in the human readable tcpdump file. Encapsulation was correct.
- FOUND ERRORS
No errors found.

2.3 Test TE0003 - Scenarios 321,341 and 361 - Three-way TCP connection establishment, TCP normal FIN termination and Slow start and sending data with TCP.

- DESCRIPTION
 - Analyzer was executed for tcpdump log pair 321-341-361-MN-25022004-143813 and 321-341-361-RN-25022004-143813 and generated a pef file (pef_3_1.pef).
 - A human readable file was created using the tcpdump tool (pef_3.td_info).
 - Animator was executed and the generated pef file was loaded.
 - The information present in the visualization was the same in the human readable tcpdump file. Encapsulation was correct.
- FOUND ERRORS
No errors found.

2.4 Test TE0004 - Scenario 362 - TCP recovery through fast retransmit (happening in slow start with packet loss)

- DESCRIPTION
 - Analyzer was executed for tcpdump log pair 362-MN-25022004-143848 and 362-RN-25022004-143848 and generated a pef file (pef_4_1.pef).
 - A human readable file was created using the tcpdump tool (pef_4.td_info).
 - Animator was executed and the generated pef file was loaded.
 - The information present in the visualization was the same in the human readable tcpdump file. Encapsulation was correct.
- FOUND ERRORS
No errors found.

2.5 Test TE0005 - Scenario 333 - TCP packet loss and recovery through RTO

- DESCRIPTION

- Analyzer was executed for tcpdump log pair 333-MN-07042004-151959 and 333-RN-07042004-151959 and generated a pef file (pef_5_1.pef).
- A human readable file was created using the tcpdump tool (pef_5.td_info).
- Animator was executed and the generated pef file was loaded.
- The information present in the visualization was the same in the human readable tcpdump file. Encapsulation was correct.

- FOUND ERRORS

No errors found.

2.6 Test TE0006 - Scenario 411 - HTTP: Simple request with reply

- DESCRIPTION

- Analyzer was executed for tcpdump log pair 411-MN-07042004-153553 and 411-RN-07042004-153553 and generated a pef file (pef_6_1.pef).
- A human readable file was created using the tcpdump tool (pef_6.td_info).
- Animator was executed and the generated pef file was loaded.
- The information present in the visualization was the same in the human readable tcpdump file. Encapsulation was correct.

- FOUND ERRORS

No errors found.

2.7 Test TE0007 - Scenario 101 - ARP Lookup

- DESCRIPTION

- Analyzer was executed for tcpdump log pair 101-arp-sender.dump and 101-arp-receiver.dump and generated a pef file (pef_7_1.pef).
- A human readable file was created using the tcpdump tool (pef_7.td_info).
- Animator was executed and the generated pef file was loaded.
- The information present in the visualization was the same in the human readable tcpdump file. Encapsulation was correct.

- FOUND ERRORS
No errors found.

3 Other logs

3.1 Tcpdumps extracted from Windows environment

Some tcpdump log pairs were extracted using some tool under windows environment. The results of testing those logs in the DaCoPAn solution are presented in this section.

3.2 Test TE0008 - HTTP page retrieval

- DESCRIPTION

Basic HTTP retrieval. Some GET commands are sent and the HTTP response arrives.

- Analyzer was executed for tcpdump log pair dump-27-1 and dump-29-1 and generated a pef file (pef_27_29_1.pef), and also with dump27-2 and dump29-2 generating pef_27_29_2.pef
- Animator was executed and the generated pef file was loaded.
- The information present in the visualization was the same in the human readable tcpdump file. Encapsulation was correct.

- FOUND ERRORS
No errors found.

3.3 Tcpdumps extracted from Linux environment

Other tcpdump log pairs than the ones provided by the customer that the DaCoPAn group has used in order to test the solution, collected under linux environment.

3.4 Test TE0009 - FTP transfer between iota and zeta systems

- DESCRIPTION

Execution of basic FTP commands.

- Analyzer was executed for tcpdump log pair 2-FTP-iota.dump and 2-FTP-zeta.dump and generated a pef file (pef_iota_zeta_1.pef).
- Animator was executed and the generated pef file was loaded.

- The information present in the visualization was the same in the human readable tcpdump file. Encapsulation was correct.

- FOUND ERRORS
No errors found.

4 Bugs and fixes report

```

-----
BUG_ID
    0001
WHICH_MODULE
    Animator
WHO_FOUND
    CarlosArrastia
WHEN_FOUND
    06.05.2004 - 20:40 (GMT+3)
BUG_DESCRIPTION
    The animator gets stuck when trying to show variables
    and header fields. This happens in the refresh of the
    MSC panel. To reproduce this bug go to the settings
    panel in explore mode, select some of the variables or
    header fields for the active layer and accept the changes.
    When the MSC is refreshed, it crashes... Null pointer
    exception thrown.
WHO_NOTICED
    VesaVainio
WHO_FIXED
    VesaVainio
WHEN_FIXED
    6.5.2004
FIX_DESCRIPTION
    Error was located in
    dacopan.ui.MSCPanel.MSCDrawingpanel.paintColumnValues
    method. Error was caused by not checking if a variable
    value is null or not. Trying to get string bounds for
    a null string caused the NullPointerException.
FIXED_IN
    Fix is in MSCPanel.java CVS version 1.27.
CONFIRMED_IN

```

```

-----
BUG_ID

```

0002
WHICH_MODULE
Analyzer
WHO_FOUND
CarlosArrastia
WHEN_FOUND
06.05.2004 - 21:10 (GMT+3)
BUG_DESCRIPTION
The analyzer doesn't set the right scope for the header fields. For these header fields the scope should be unit-field instead of unit. I got this from the pef_4_1
WHO_NOTICED
ViktorSurikov
WHO_FIXED
ViktorSurikov
WHEN_FIXED
7.5.2004 - 17.20 (GMT+3)
FIX_DESCRIPTION
Error was located in function pef_write_variables in pefwrite.c.
FIXED_IN
pefwrite.c version 1.35
CONFIRMED_IN

BUG_ID
0003
WHICH_MODULE
Animator
WHO_FOUND
JarkkoLaine
WHEN_FOUND
05.05.2004 - 12:10 (GMT+3)
BUG_DESCRIPTION
Time panel updates to weird values when changing layers.
WHO_NOTICED
JarkkoLaine
WHO_FIXED
JarkkoLaine
WHEN_FIXED
07.05.2004 - 12:28 (GMT+3)
FIX_DESCRIPTION
The error was located in the class dacopan.ui.StatusBar and caused the animator to add several time panels on the same area in the status bar.

FIXED_IN
 StatusBar.java
CONFIRMED_IN

BUG_ID
 0004
WHICH_MODULE
 Animator
WHO_FOUND
 JonathanBrown
WHEN_FOUND
 07.05.2004 - 17:17 (GMT+3)
BUG_DESCRIPTION
 The settings panel dialog for selecting variables into MSC
 columns uses the abbreviated versions of the vars. Shouldn't
 it be full names?
WHO_NOTICED
 JonathanBrown
WHO_FIXED
 CarlosArrastia
WHEN_FIXED
 07.05.2004 - 17:23 (GMT+3)
FIX_DESCRIPTION
 Changed method for full name extraction
FIXED_IN
 SettingsPanelLayer.java
CONFIRMED_IN

BUG_ID
 0005
WHICH_MODULE
 Animator
WHO_FOUND
 AlejandroFernandez
WHEN_FOUND
 07.05.2004 - 20:11 (GMT+3)
BUG_DESCRIPTION
 Load pef_6_1.pef, press Settings button and select to
 visualize the application variable called Unknown APP
 - Data. When visualizing the application layer, the data
 doesn't fit into the column and it is then
 unreadable.
WHO_NOTICED

```

    VesaVainio
WHO_FIXED
    VesaVainio
WHEN_FIXED
    11.5.2004 17:00 (GMT+3)
FIX_DESCRIPTION
    Fix includes two thing. The first thing is that clipping
    is used to make sure values are not painted outside the
    correct column. Second part is that if the value does
    not fit in the column, the beginning (left edge) of the
    value is aligned with the left edge of the column. (When
    the value fits in column, the right edge of value is aligned
    with right edge of column, as before. The difference for
    non-fitting values is that the beginning of the value is now
    shown, rather than the end.
FIXED_IN
    MSCPanel.java version 1.39
CONFIRMED_IN
-
-----
BUG_ID
    0006
WHICH_MODULE
    Animator
WHO_FOUND
    AlejandroFernandez
WHEN_FOUND
    08.05.2004 - 12:15 (GMT+3)
BUG_DESCRIPTION
    When running the Animator, the menu button
    File->Exit of the upper menu bar
    doesn't close the Animator.
WHO_NOTICED
    JarkkoLaine
WHO_FIXED
    JarkkoLaine
WHEN_FIXED
    08.05.2004 - 13:52 (GMT+3)
FIX_DESCRIPTION
    Implemented the exit operation.
FIXED_IN
    UserInterface.java version 1.38
CONFIRMED_IN
-

```

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-----  
BUG_ID  
    0007  
WHICH_MODULE  
    Animator  
WHO_FOUND  
    AlejandroFernandez  
WHEN_FOUND  
    08.05.2004 - 12:15 (GMT+3)  
BUG_DESCRIPTION  
    Load a PEF into Animator, and press the  
    upper menu bar button File->Settings. The settings  
    panel should appear, but it doesn't.  
WHO_NOTICED  
    JarkkoLaine  
WHO_FIXED  
    JarkkoLaine  
WHEN_FIXED  
    08.05.2004 - 14:23 (GMT+3)  
FIX_DESCRIPTION  
    Implemented the action listener for the menu button  
FIXED_IN  
    UserInterface.java version 1.39  
CONFIRMED_IN  
-
```

```
-----  
BUG_ID  
    0008  
WHICH_MODULE  
    Animator  
WHO_FOUND  
    JonathanBrown  
WHEN_FOUND  
    08.05.2004 - 13:39 (GMT+3)  
BUG_DESCRIPTION  
    When a NET packet is dropped, and the TRA parent is  
    also dropped, the MSC doesn't draw them correctly.  
    Dataview is responsible for this small error, the  
    dataview doesn't read the pef strictly.  
    (See pef_4_1.pef or pef_4_2.pef between times  
    0.4122 and 0.5201)  
WHO_NOTICED  
    JariAarniala  
WHO_FIXED
```

JariAarniala
WHEN_FIXED
10.05.2004 - 13:30 (GMT+3)
FIX_DESCRIPTION
Dropped flag was not correctly set for units with
children, changed TransferUnit constructor by
adding the dropped flag for every unit
FIXED_IN
XMLProtocolEventsReader.java 1.14,
TransferUnit.java 1.19 and others
CONFIRMED_IN
-

BUG_ID
0009
WHICH_MODULE
Animator
WHO_FOUND
AlejandroFernandez
WHEN_FOUND
08.05.2004 - 14:15 (GMT+3)
BUG_DESCRIPTION
The upper menu bar button Layer doesn't reflect
the actual layer. When pushed, it always shows
the selected layer as the one on top.
WHO_NOTICED
JarkkoLaine
WHO_FIXED
JarkkoLaine
WHEN_FIXED
10.05.2004 - 14.10 (GMT+3)
FIX_DESCRIPTION
Changed the order of some calls.
FIXED_IN
UserInterface.java version 1.41
CONFIRMED_IN
-

BUG_ID
0010
WHICH_MODULE
Analyzer
WHO_FOUND

CarlosArrastia
WHEN_FOUND
10.05.2004 - 15:15 (GMT+3)
BUG_DESCRIPTION
Analyzer maps the ARP messages into the Network layer
and that should be done in a different ARP layer
WHO_NOTICED
ViktorSurikov
WHO_FIXED
ViktorSurikov
WHEN_FIXED
18.05.2004 - 10:20 (GMT+3)
FIX_DESCRIPTION
Delete old constant string
FIXED_IN
pefwrite.c (CVS ver. 1.45)
CONFIRMED_IN
-

BUG_ID
0011
WHICH_MODULE
Animator
WHO_FOUND
AlejandroFernandez
WHEN_FOUND
11.05.2004 - 11:45 (GMT+3)
BUG_DESCRIPTION
In recording mode (inside scenario mode), if many
items are added to the play list, the only way to
see some elements is to make the window bigger.
Maybe a vertical scrolling bar could be good.
WHO_NOTICED
VesaVainio
WHO_FIXED
VesaVainio
WHEN_FIXED
11.5.2004 14:30 (GMT+3)
FIX_DESCRIPTION
The scrollpane was not working properly, because the
JList showing the list had some size attributes set.
Removed these, and not the JScrollPane
works properly. Everything beautiful now.
FIXED_IN

ScenarioEditorPanel.java (version 1.17)
ScenarioEditorPanel.form (version 1.10)
CONFIRMED_IN

-

BUG_ID
0012
WHICH_MODULE
Animator
WHO_FOUND
JarkkoLaine
WHEN_FOUND
11.05.2004 - 12:45 (GMT+3)
BUG_DESCRIPTION
Fast forward and rewind buttons should be disabled
if the animation is at the ends of the animation.
WHO_NOTICED
JarkkoLaine
WHO_FIXED
JarkkoLaine
WHEN_FIXED
27.5.2004
FIX_DESCRIPTION
Implemented methods isAtBeginning() and isAtEnd()
in AnimationTimeState and in MainFrame. The ones in
MainFrame just return the values from their
AnimationTimeState counterparts. UserInterface
didn't require any changes.
FIXED_IN
AnimationTimeState.java 1.17
MainFrame.java 1.102
CONFIRMED_IN

-

BUG_ID
0013
WHICH_MODULE
Animator
WHO_FOUND
CarlosArrastia
WHEN_FOUND
11.05.2004 - 18:50 (GMT+3)
BUG_DESCRIPTION

The animator paints the in a wrong situation the information about header fields in dropped packets

WHO_NOTICED
VesaVainio

WHO_FIXED
VesaVainio

WHEN_FIXED
12.5.2004 09:00 (GMT+3)

FIX_DESCRIPTION
Created a special case for handling the geometry in the case of dropped packets.

FIXED_IN
MSCPanel.java (version 1.46)

CONFIRMED_IN
-

BUG_ID
0014

WHICH_MODULE
Analyzer

WHO_FOUND
KirillKulakov

WHEN_FOUND
10.05.2004 - 15:00 (GMT+3)

BUG_DESCRIPTION
Application-layer message is marked as dropped when all fragments are received successfully (test pf_8_4.sh).

WHO_NOTICED
MikhailKryshen

WHO_FIXED
MikhailKryshen

WHEN_FIXED
15.05.2004

FIX_DESCRIPTION
Do not try to extract application messages from received events, extract only from sent (remove TCP_DEFBRAG_BY_SENT definition in ec_tcp.c to cancel this fix).
25.05.2004: undid the fix: this was not a bug, the described behaviour was caused by the incomplete finalization of TCP connection in the test. Also the fix caused bug 0022.

FIXED_IN

ec_tcp.c version 1.8
CONFIRMED_IN

-

BUG_ID
0015
WHICH_MODULE
Analyzer
WHO_FOUND
KirillKulakov
WHEN_FOUND
17.05.2004 - 12:20 (GMT+3)
BUG_DESCRIPTION
If we adds PTU after last PTU in PTP the link
to next element did not set as NULL.
WHO_NOTICED
KirillKulakov
WHO_FIXED
KirillKulakov
WHEN_FIXED
2004-05-17
FIX_DESCRIPTION
When last PTU in PTP be changed the link to next
element set as NULL.
FIXED_IN
msgmap.c version 1.28
CONFIRMED_IN

-

BUG_ID
0016
WHICH_MODULE
Animator
WHO_FOUND
VesaVainio
WHEN_FOUND
18.05.2004 - 10:10 (GMT+2)
BUG_DESCRIPTION
Open e.g. test_pefs/pef_writef_01.pef (CVS version 1.10).
You get exception:
java.lang.RuntimeException: Must have two hosts!
at fi.helsinki.dacopan.ui.MainFrame.createDefaultSettings
(MainFrame.java:807)

After this the program is left in a state where everything looks normal, but nothing works.

This seems to be caused by the requirement that there needs to be AT LEAST two hosts present in the PEF file.

Suggested fix would be either:

- a) Catch the situation already in loading code and refuse to load the file if it doesn't have two hosts.
- b) Have an error dialog shown to the user and leave the program in a valid state.

WHO_NOTICED

JariAarniala

WHO_FIXED

JariAarniala

WHEN_FIXED

24.05.2004 - 21:00 (GMT+2)

FIX_DESCRIPTION

Fixed using the approach a) (i.e. added a restriction to XMLProtocolEventsReader.java that a PEF must contain ≥ 2 hosts). Also improved error reporting.

FIXED_IN

MainFrame.java v1.98, XMLProtocolEventsReader.java v1.16

CONFIRMED_IN

-

BUG_ID

0017

*** This bug report was a duplicate of bug \#0010,
please refer to it instead

- Jari

BUG_ID

0018

WHICH_MODULE

Animator

WHO_FOUND

VesaVainio

WHEN_FOUND

20.5.2004 - HH:MM (GMT+2)

BUG_DESCRIPTION

Sometimes when I click the 'Load' button I get the output that I'll paste below. It is possible that the error is not even caused by our code, but still it would seem nice to be able to catch this kind of exception. Now the program is left in an invalid state and needs to be restarted.

Here is the output:

```

FileSystemView.getShellFolder: f=E:\\Dacopan\\dacopan\\test_pefs
java.io.FileNotFoundException: Could not find file E:\\Dacopan\\dacopan\\test_pefs
    at sun.awt.shell.Win32ShellFolder2.parseDisplayName(Win32ShellFolder2.java:580)
    at sun.awt.shell.Win32ShellFolderManager2.createShellFolder(Win32ShellFolderManager2.java:40)
    at sun.awt.shell.Win32ShellFolderManager2.createShellFolder(Win32ShellFolderManager2.java:36)
    at sun.awt.shell.ShellFolder.getShellFolder(ShellFolder.java:236)
    at javax.swing.filechooser.FileSystemView.getShellFolder(FileSystemView.java:486)
    at javax.swing.filechooser.FileSystemView.GetFiles(FileSystemView.java:409)
    at javax.swing.plaf.basic.BasicDirectoryModel$LoadFilesThread.run(BasicDirectoryModel.java:194)
FileSystemView.getShellFolder: f=E:\\Dacopan\\dacopan\\test_pefs
FileSystemView.getShellFolder: f=E:\\Dacopan\\dacopan\\test_pefs
java.lang.NullPointerException
    at javax.swing.filechooser.FileSystemView.GetFiles(FileSystemView.java:412)
    at javax.swing.plaf.basic.BasicDirectoryModel$LoadFilesThread.run(BasicDirectoryModel.java:194)
java.io.FileNotFoundException: Could not find file E:\\Dacopan\\dacopan\\test_pefs
    at sun.awt.shell.Win32ShellFolder2.parseDisplayName(Win32ShellFolder2.java:580)
    at sun.awt.shell.Win32ShellFolderManager2.createShellFolder(Win32ShellFolderManager2.java:40)
    at sun.awt.shell.Win32ShellFolderManager2.createShellFolder(Win32ShellFolderManager2.java:36)
    at sun.awt.shell.ShellFolder.getShellFolder(ShellFolder.java:236)
    at javax.swing.filechooser.FileSystemView.getShellFolder(FileSystemView.java:486)
    at javax.swing.filechooser.FileSystemView.GetFiles(FileSystemView.java:409)
    at javax.swing.plaf.basic.BasicDirectoryModel$LoadFilesThread.run(BasicDirectoryModel.java:194)
java.io.FileNotFoundException: Could not find file E:\\Dacopan\\dacopan\\test_pefs
    at sun.awt.shell.Win32ShellFolder2.parseDisplayName(Win32ShellFolder2.java:580)
    at sun.awt.shell.Win32ShellFolderManager2.createShellFolder(Win32ShellFolderManager2.java:40)
    at sun.awt.shell.Win32ShellFolderManager2.createShellFolder(Win32ShellFolderManager2.java:36)
    at sun.awt.shell.ShellFolder.getShellFolder(ShellFolder.java:236)
    at javax.swing.filechooser.FileSystemView.getShellFolder(FileSystemView.java:486)
    at javax.swing.filechooser.FileSystemView.GetFiles(FileSystemView.java:409)
    at javax.swing.plaf.basic.BasicDirectoryModel$LoadFilesThread.run(BasicDirectoryModel.java:194)
java.lang.NullPointerException
    at javax.swing.filechooser.FileSystemView.GetFiles(FileSystemView.java:412)
    at javax.swing.plaf.basic.BasicDirectoryModel$LoadFilesThread.run(BasicDirectoryModel.java:194)
java.lang.NullPointerException
    at javax.swing.filechooser.FileSystemView.GetFiles(FileSystemView.java:412)
    at javax.swing.plaf.basic.BasicDirectoryModel$LoadFilesThread.run(BasicDirectoryModel.java:194)

```

WHO_NOTICED

JariAarniala

WHO_FIXED

VesaVainio

WHEN_FIXED

24.5.2004 21:35 (GMT+2)

FIX_DESCRIPTION

Jari:

This is a bug in the j2sdk itself (reference:

<http://developer.java.sun.com/developer/bugParade/bugs/4869950.html>), will fix soon.

Vesa:

Fixed by catching anything Throwable in
 UserInterface.loadFile(). The bug
 is difficult to reproduce, so I can't test my
 fix instantly. Also, the error message for user is
 not very informative, as I did it by using
 something we already have in the localisable
 resources. (mainframe.title_loading_pef_failed =
 "Loading protocol events file failed")

FIXED_IN

UserInterface.java (version 1.61)

CONFIRMED_IN

-

 BUG_ID

0019

WHICH_MODULE

Animator

WHO_FOUND

VesaVainio

WHEN_FOUND

23.5.2004 - HH:MM (GMT+2)

BUG_DESCRIPTION

1. Start animator
2. Load pef_7_2.pef
3. Skip to the end
4. Look at UFO panel

Observed: The red cross (for dropped packet)
 is centered at the edge of a
 packet.

Expected: The cross should be centered at
 the center of the packet.

I've seen this with some other pefs
 and packets as well.

WHO_NOTICED

-

WHO_FIXED

-

```

WHEN_FIXED
-
FIX_DESCRIPTION
-
FIXED_IN
-
CONFIRMED_IN
-
-----
BUG_ID
    0020
WHICH_MODULE
    Animator
WHO_FOUND
    AlejandroFernandez \& CarlosArrastia
WHEN_FOUND
    22.5.2004 18:00 (GMT+2)
BUG_DESCRIPTION
    If you open the scenario playlist panel and
    after that change the language, the language
    in the panel doesn't change. In fact, the items
    in the list change their language, but not
    the buttons or frame title...
WHO_NOTICED
    VesaVainio
WHO_FIXED
    VesaVainio
WHEN_FIXED
    24.5.2004 21:00 (GMT+2)
FIX_DESCRIPTION
    When the language is changed,
    AnimationSequence.refreshWindow() is called.
    However, the semantics of this method were
    a bit unclear. Now the semantics
    is changed so that the whole window is
    completely re-created when this
    method is called. (The window title was
    previously static in ScenarioEditorDialog.java,
    but now it's changed to non-static.) Now the
    refreshWindow() also preserves other aspects
    of the old window, like
    location, size and visibility status.
FIXED_IN
    AnimationSequence.java (version 1.32)
    ScenarioEditorDialog.java (version 1.6)

```

CONFIRMED_IN

-

BUG_ID

0021

WHICH_MODULE

Animator

WHO_FOUND

AlejandroFernandez

WHEN_FOUND

24.5.2004 - 19:54 (GMT+2)

BUG_DESCRIPTION

Load pef_5_1.pef. There are 2 lost units at 0,4518 secs and 0,5531. If you choose to represent TT variable in Network layer, you can see that the value of TT for the lost units is "unknown" (which is normal), but if you change the language to spanish/russian/finnish, TT is still "unknown", that is the string is not localised.

WHO_NOTICED

-

WHO_FIXED

-

WHEN_FIXED

-

FIX_DESCRIPTION

-

FIXED_IN

-

CONFIRMED_IN

-

BUG_ID

0022

WHICH_MODULE

Analyzer

WHO_FOUND

JonathanBrown

WHEN_FOUND

23.5.2004 - 14:38 (GMT+2)

BUG_DESCRIPTION

Jonathan: "In scen 4.2, we have a dropped NET IP packet, and it's parent TCP packet is also dropped.. (of course).. but why is

the whole root HTTP packet marked as "dropped" in the animation?"

Jari: the HTTP unit is marked dropped in the PEF, and this is wrong in my opinion (although a single TCP unit was dropped, the whole HTTP unit wasn't).

WHO_NOTICED

KirillKulakov

WHO_FIXED

MikhailKryshen

WHEN_FIXED

25.05.2004 - 16:00 (GMT+3)

FIX_DESCRIPTION

Undid the fix of bug 0014 (see FIX_DESCRIPTION for bug 0014).

FIXED_IN

ec_tcp.c (version 1.10)

CONFIRMED_IN

-

BUG_ID

0023

WHICH_MODULE

Animator

WHO_FOUND

VesaVainio

WHEN_FOUND

25.5.2004 - 19:45 (GMT+2)

BUG_DESCRIPTION

1. Launch the animator.
2. Create a scenario file with an ENC item as the first item.
3. Save the file.
4. Close the animator.
5. Launch the animator again.
6. Load the file you just saved.

EXPECTED: You would just see the encapsulation corresponding to the first item in the play list.

OBSERVED: A dialog with title "Loading protocol events file failed" and text "Protocol events reader reported error: null".

WHO_NOTICED
VesaVainio
WHO_FIXED
VesaVainio
WHEN_FIXED
25.5.2004 - 20:15 (GMT+2)
FIX_DESCRIPTION
This was probably caused by the call
animatorTimeState.pause() in MainFrame
when the animatorTimeState was still null.
(Nice catching just Exception when you're
really looking for only IOExceptions...)
I added the checking for null.
FIXED_IN
MainFrame.java (version 1.99)
CONFIRMED_IN
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