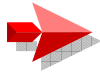


This is the tutorial for IBM's Fault Analyzer for z/OS®, one of the IBM zSeries® problem determination tools.

Fault Analyzer tutorial



- **Fault Analyzer options in JCL for batch jobs**
- **Batch reanalysis**
 - Example of batch reanalysis
- **Using the web browser interface**
- **Fault Analyzer tips**



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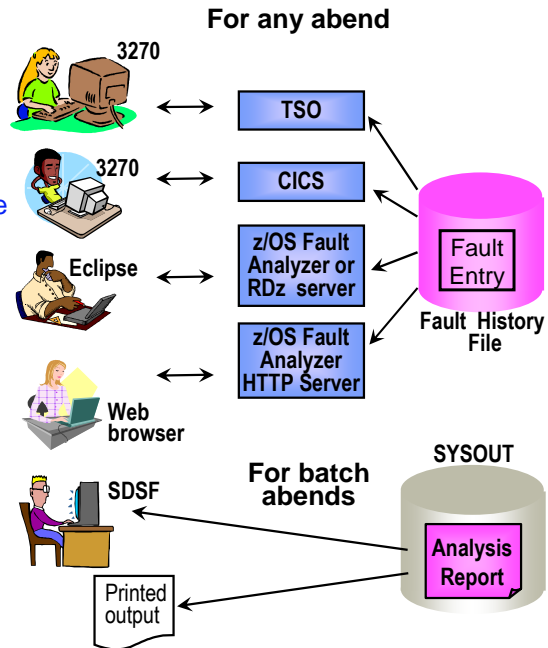
In this section, you will see how real-time reports can be read from fault history files using the web browser interface.

View a real-time analysis report



- You can view an analysis report from:

- The Fault Analyzer TSO interface
 - - OR -
- The Fault Analyzer CICS® interface
 - - OR -
- The Fault Analyzer Eclipse GUI plug-in
 - - OR -
- A web browser
 - - OR -
- Your batch job's SYSOUT
 - Default is **SYSOUT=***
 - DD name is IDIREPRT



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The web interface accesses fault entries from fault history files. You can use it to view the same reports that you can see from the TSO or CICS interfaces.

View a real-time report from a web browser



- The Fault Analyzer web interface must be enabled on the host system
- To view a real-time report from a web browser, direct it to a Fault Analyzer URL
- To browse a directory of a fault history file:
host.ip.address/FAULTANAL/hist.file.name
- Address to browse an entry in a fault history file:
host.ip.address/FAULTANAL/hist.file.name(member)

To use the web interface, the web server on your z/OS system must be configured for it. Assuming that it is, direct your web browser to the URL for fault analyzer. It will start with the name of your mainframe host system, followed by a slash, followed by FAULTANAL, followed by a slash, followed by the name of the fault history file. That will give you a directory of the entries in the fault history file. Or you can specify a specific report. Give it the same address with the addition of the fault entry ID in parentheses at the end.

Click the fault entry



Directory of fault history file 'IDI.HIST' - Mozilla Firefox
http://9.30.128.24/FAULTANAL/IDI.HIST

All Fault entries for history file 'IDI.HIST'

[Column Configuration](#)

FAULT_ID	JOB/TRAN	USER_ID	SYS/JOB	ABEND
F05166	ELDERON9	ELDERON	STLABF6	S0C4
F05165	ELDERON2	ELDERON	STLABF6	S0C7
F05164	ELDERON9	ELDERON	STLABF6	S0C6
F05163	ELDERON8	ELDERON	STLABF6	S0C1
F05162	ELDERON8	ELDERON	STLABF6	S0C9
F05161	ELDERON9	ELDERON	STLABF6	S0C4
F05160	ELDERON1	ELDERON	STLABF6	S0C4
F05159	ELDERON7	ELDERON	STLABF6	S0C7
F05158	ELDERON8	ELDERON	STLABF6	S0C6
F05157	ELDERON7	ELDERON	STLABF6	S0C1
F05156	ELDERON7	ELDERON	STLABF6	S0C9
F05155	ELDERON8	ELDERON	STLABF6	S0C4
F05154	ELDERON	ELDERON	STLABF6	S0C1

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In this example a web browser was given a z/OS host address, slash, FAULTANAL, slash, the name of a fault history file. The fault entries in the fault history file are listed. When you click the link for an entry...

View the real-time analysis report via web



The screenshot shows a Mozilla Firefox browser window with the address bar containing the URL `http://9.30.128.24/FAULTHIST/IDLHIST(F05165)`. The page content is a text-based report from the IBM Fault Analyzer. The report includes sections for synopsis, event details, system-wide information, and storage areas. It also contains copyright information for IBM Corp. (2000, 2009) and a specific system abend report for job ELDERON2 on 2010/03/03 at 11:41:51. The report text is as follows:

```
IBM FAULT ANALYZER SYNOPSIS
IBM FAULT ANALYZER EVENT SUMMARY
IBM FAULT ANALYZER EVENT DETAILS
- EVENT 1 OF 4: CALL (DSA ADDRESS 139CA030)
- EVENT 2 OF 4: CALL (DSA ADDRESS 139CA0F0)
- EVENT 3 OF 4: CALL (DSA ADDRESS 139CA180)
- EVENT 4 OF 4: ABEND SOC7
SYSTEM-WIDE INFORMATION
- STORAGE AREAS
- LANGUAGE ENVIRONMENT HEAP ANALYSIS
IBM FAULT ANALYZER ABEND JOB INFO
IBM FAULT ANALYZER OPTIONS

*****
* IBM Fault Analyzer for z/OS V10R1M0 (UK52832 2009/12/15)
*
* Copyright IBM Corp. 2000, 2009. All rights reserved.
*****

JOBNAME: ELDERON2  SYSTEM ABEND: 0C7          STLABF6  2010/03/03  11:41:51

I B M   F A U L T   A N A L Y Z E R   S Y N O P S I S

top

A system abend 0C7 occurred in module ./pk09728 at offset X'20C'.
A program-interruption code 0007 (Data Exception) is associated with this abend
and indicates that:
```

At the bottom of the browser window, there is a footer with three sections: a large blue number '6', the text 'IBM Fault Analyzer for z/OS - V12 Tutorial', and the copyright notice '© 2012 IBM Corporation'.

The real time report is displayed in the browser window.

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