

Host Simulation in HATS 7.0

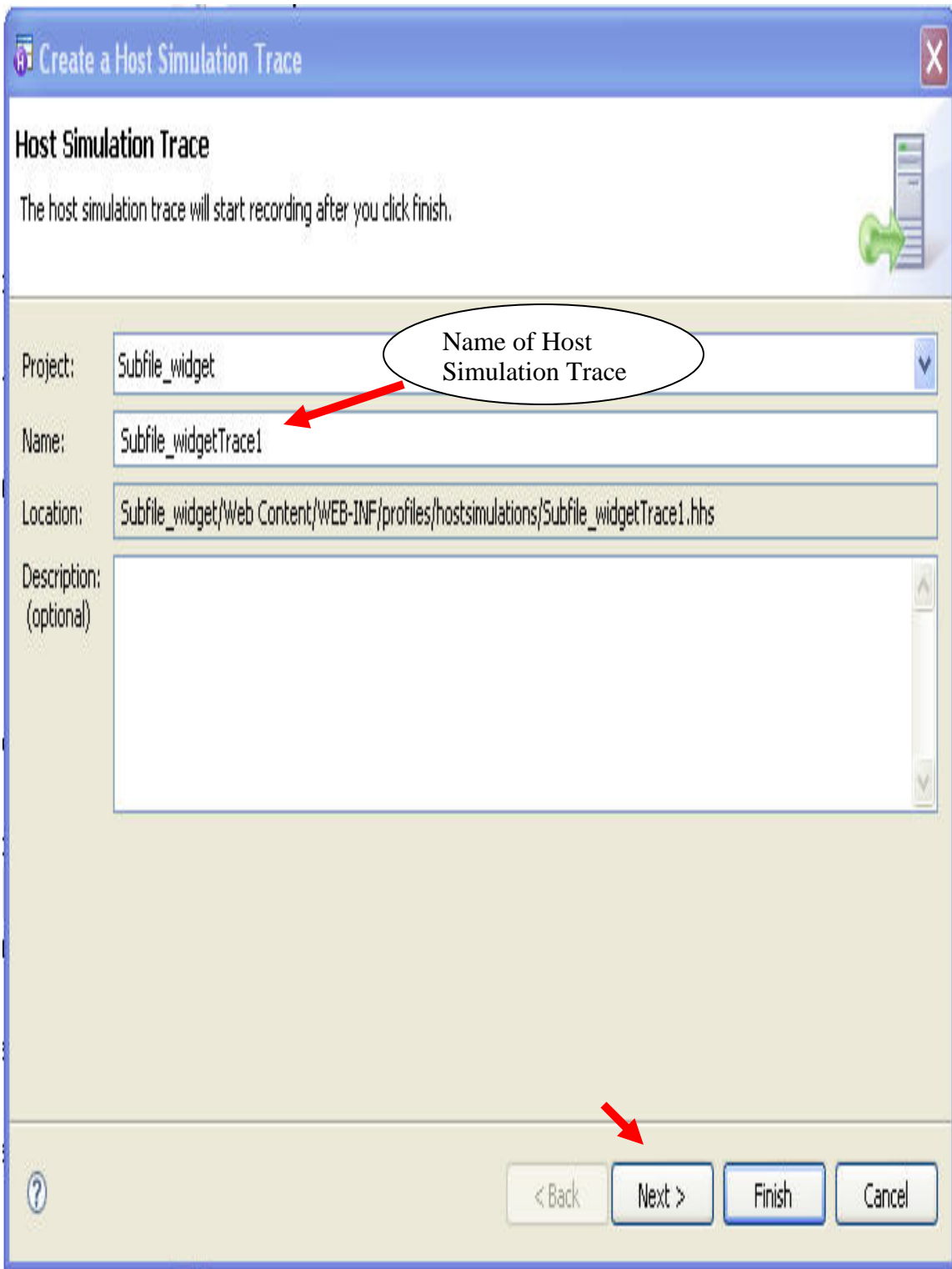
HATS 7.0 toolkit provide a unique functionality to work on a HATS project without requiring a live connection to the host application. Host simulation files can be used in the following ways;

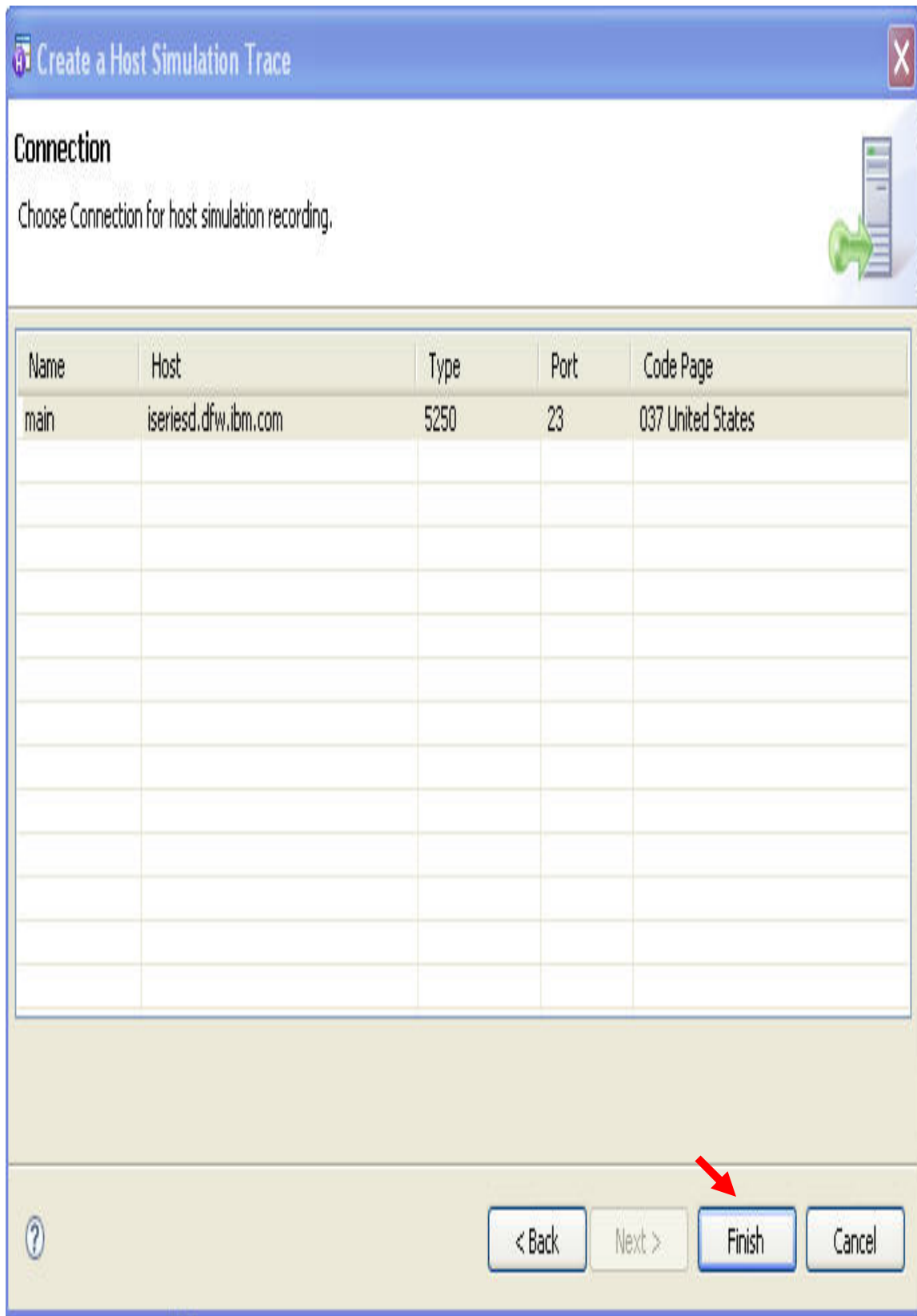
- Create and test macros using the host terminal function.
- Create screen captures, screen events, and screen transformations using the host terminal function.
- Test HATS applications using the Rational SDP local test environment.
- Deploy HATS applications to a runtime environment to use as demonstrations.
- In troubleshooting by allowing user to record a host simulation file in the runtime environment that user can use, along with other traces and logs, to document a failing scenario.

How to record a trace?

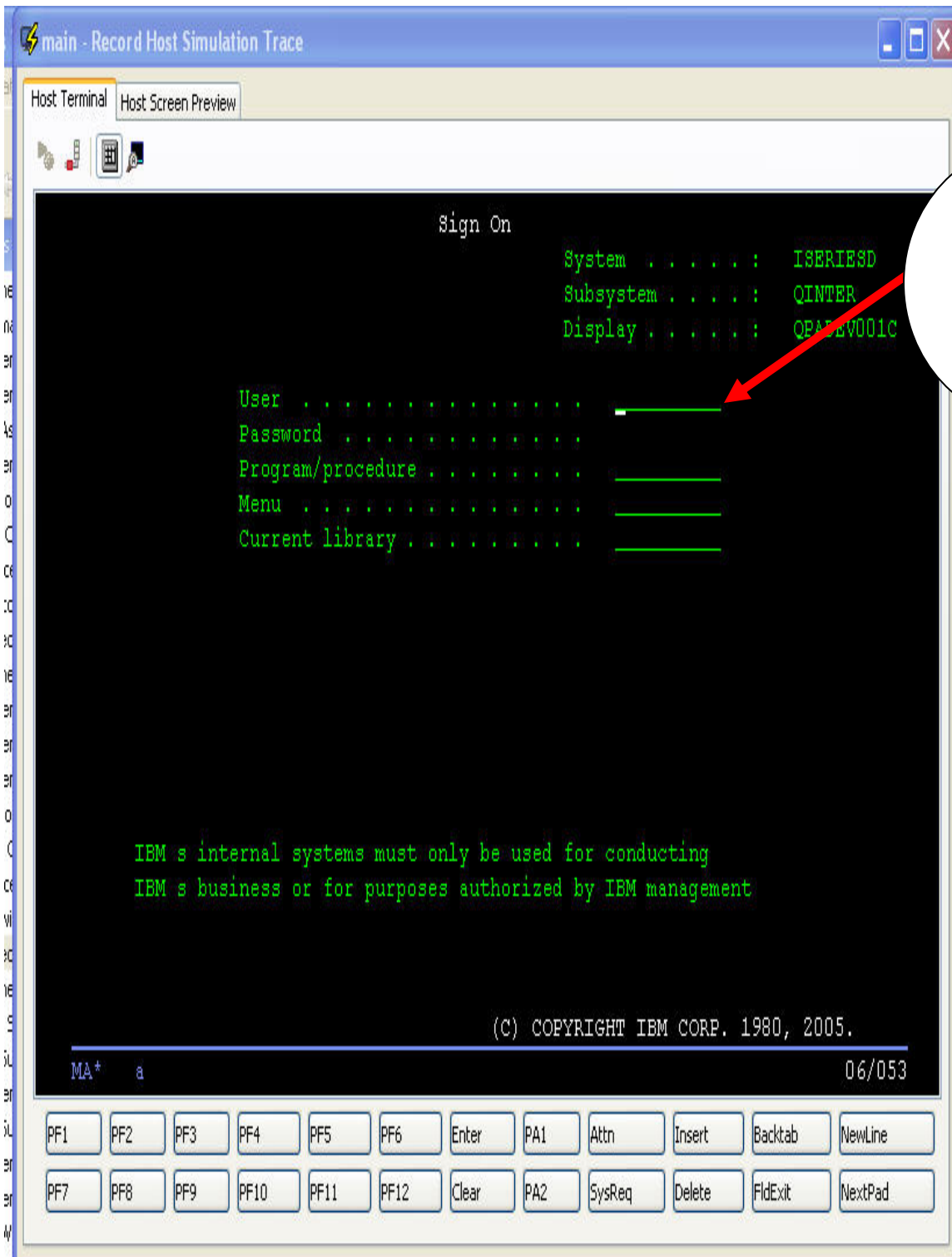
Host Simulation wizard can be started in any one of the following way:

- From the menu bar select **File > New > HATS Host Simulation**.
- From the menu bar select **HATS > New > Host Simulation**.
- From the toolbar click the **Create a HATS Host Simulation** file item.
- Right-click a HATS project and select **New HATS > Host Simulation**.
- Right-click a **HATS EJB** project and select **New Host Simulation**.





Microsoft Windows



Login with iSeries Userid & Pwd. Save the trace after recording from top

How to Playback a trace?

Step-1. Right-click over a trace file in the Host Simulations folder, and select Playback on Host Terminal.

Step-2. Interact with the host. Notice that the path is constrained by the actions performed during recording.

Playback options

In addition, following table summarizes the various simulation playback host options.

Environment	Launch action	Capabilities
Host terminal	In the HATS Projects view, right-click the host simulation file and selects Playback on Host Terminal .	View playback
Host terminal	In the HATS Projects view, double-click the host simulation file. In the host simulation file editor, click the Playback on Host Terminal button.	View playback
Host terminal	In the HATS Projects view, double-click a connection. In the connection editor on the Basic tab, select Use Host Simulation instead of the live connection and select the trace from the drop-down. In the HATS Projects view right-click the connection and select Open Host Terminal .	Create screen captures, screen events, and screen transformations. Create and test macros.
Local test runtime (Web, EJB, and rich client applications)	In the HATS Projects view, double-click a connection. In the connection editor on the Basic tab, select Use Host Simulation instead of the live connection and select the trace from the drop-down. Run the application in the local test environment.	Test the HATS application in the local test environment.
Deployed runtime (Web, EJB, and rich client applications)	In the HATS Projects view, double-click a connection. In the connection editor on the Basic tab, select Use Host Simulation instead of the live connection and select the trace from the drop-down. Export and deploy the application.	Deploy the HATS application as a demonstration.

Table 8. Host simulation playback options

How to Import and Export trace files?

In order to perform some of the functions unavailable in the host simulation built in HATS 7.0 a non-supported stand alone tool named, Host Simulator, has been available for download.

Both the trace files created by the stand alone Host Simulator tool and the trace files created by the HATS host simulation function can be imported.

- To import the trace files created by the stand alone Host Simulator tool, from the menu bar select

File > Import > HATS > Host Simulator trace into HATS.

- To import the trace files created by the HATS host simulation function, from the menu bar select

File > Import > HATS > HATS Host Simulation.

In the wizard, click the **Add** button to browse the file system and select the trace file to import. Next, select the Host Simulations folder within the destination project. If importing a trace file created by the stand alone Host Simulator tool, select the connection within the project with which to associate the trace file. Click **Finish**.

To export a HATS host simulation trace file, from the menu bar select

File > Export > HATS > HATS Host Simulation. Next, select the trace file to export, browse to select the destination, and click **Finish**.



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