



hp EMS FastStart
software

simplifies generation of
event messages

a product description
from hp

features at a glance

- Event message conversion into EMS format
- Basic filter and sample application code
- Interactive facility for testing filters
- Automatic generation of DDL statements and copy libraries

A powerful programming productivity tool for HP NonStop™ servers, HP EMS FastStart software assists in generating and testing event messages for use by the HP Event Management Service (EMS) messaging environment.

For both new and existing applications, EMS FastStart software generates a module for your program that converts your application-level messages into EMS format. This saves time and reduces the chance of errors in creating the messages.

EMS FastStart software supplies a basic filter to screen values in your event messages. And it generates a sample application that shows you how to use EMS FastStart modules in your programs. You can also use the sample as an online facility to test filters before the application is completed.

event message conversion into EMS format

EMS FastStart software lets you use your existing programming skills and knowledge to generate applications that run with the EMS product in a distributed systems environment. After creating alerts and error messages in the application's syntax, you tell EMS FastStart software to generate a module for your application that will convert the event messages into an EMS format. The EMS environment uses a "token" format, which consists of a tag identifying a data item, followed by a value for that item.

Before running EMS FastStart software, you define in an EDIT file the data items that your application or group of applications will use. Using the EDIT file as input, EMS FastStart software creates an event generation (EGEN) module for you to bind to your application program (see figure 1). In the production environment, EGEN serves as an interface with the EMS environment, converting your application event messages into a tokenized format (see figure 2).

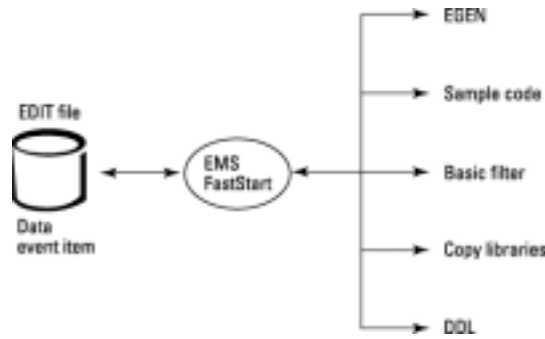


Figure 1. Using an EDIT file containing data items you have defined, EMS FastStart software generates an EGEN module, sample application code for testing, a basic filter, copy libraries of necessary code, and the DDL needed to describe tokens.

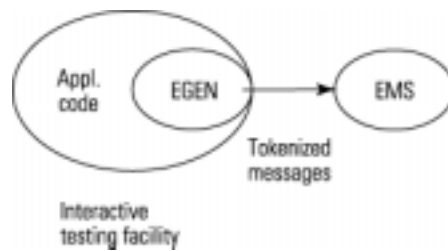


Figure 2. Once you bind the EGEN module to your application, it automatically converts your application event messages into a tokenized format for the EMS environment.

basic filter and sample application code

Running EMS FastStart software produces two modules of code that give you a head start in your application development and coding (see figure 2). The modules consist of

- A default filter to select the application events you want to pass to a management application such as HP ViewPoint software, part of the Distributed Systems Management (DSM) architecture by HP. It can be used as is or customized to fine-tune your event selection.
- Sample application code, already bound with an EGEN module generated from your specific EDIT file. This can be used to show you how to bind EGEN to your actual application.

interactive facility for testing filters

EMS FastStart software also gives you a facility for testing filters, using the sample application code, before the application is completed. The facility provides a conversational interface that prompts you to enter event values into the application fields for testing the filters you have written (see figure 3).



Figure 3. The sample application code gives you an interactive facility for testing filters before the application code is completed.

automatic generation of DDL statements and copy libraries

EMS FastStart software automates many of the steps required in generating event messages for the DSM environment. In addition to automatically converting messages into a token format, EMS FastStart software generates the Data Definition Language (DDL) statement needed to describe tokens for your application. This further reduces application development time. EMS FastStart software also generates copy libraries of record definitions to an EGEN module.

ordering information

<i>product ID</i>	<i>description</i>
9263	EMS FastStart software

specifications

system requirements

hardware	Any HP NonStop server
software and utilities	NonStop Kernel operating system, any supported software release Tandem Advanced Command Language (TACL) DDL Transaction Application Language (TAL) COBOL85

For more information, go to www.hp.com/go/nonstop.

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