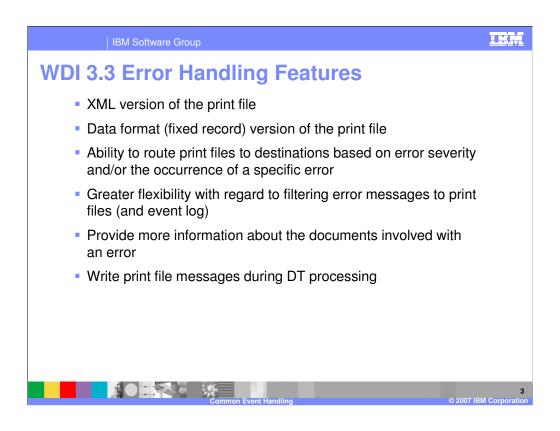


This presentation will review the Common Event Handling feature.

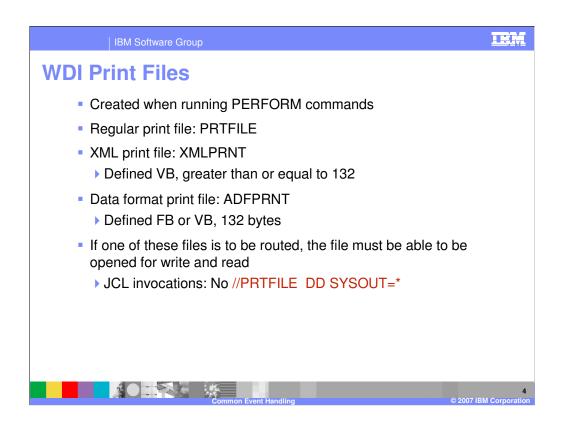
Objectives

Discuss WDI error handling features
Discuss the setup involved with the features
Discuss how these features might be used in various environments
Discuss operational requirements involved with the features
Discuss default actions associated with the features

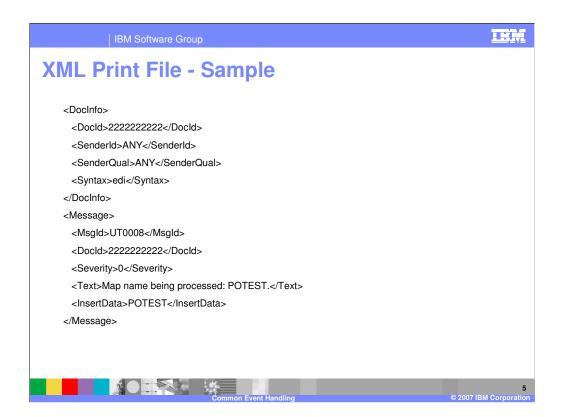
The presentation will discuss WDI error handling features, the setup involved, how the features might be used, and operational requirements.



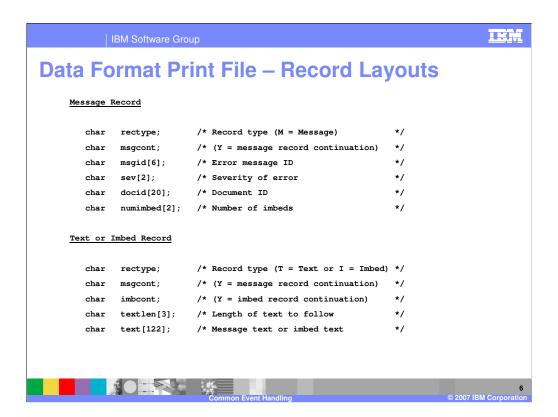
Common Event Handling provides the capability to output the Print File in a variety of formats and destination types. Multiple formats and destinations can be configured. Error filtering and can be used to condition output. Document information can also be included in the output.



The WDI Server creates the print files and then at termination reads and routes them to each of the selected destinations.



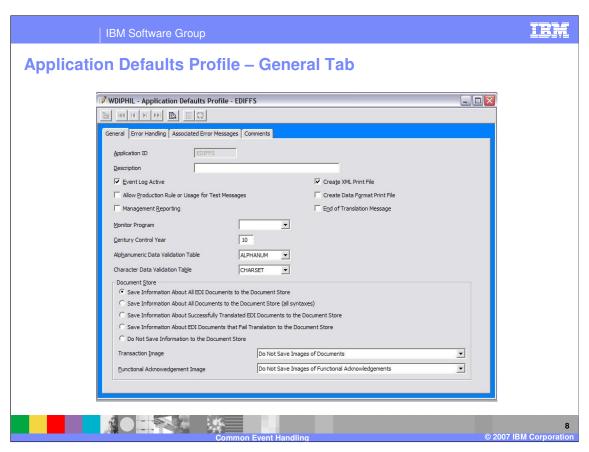
Here is a sample XML formatted print file with the Document Information included.



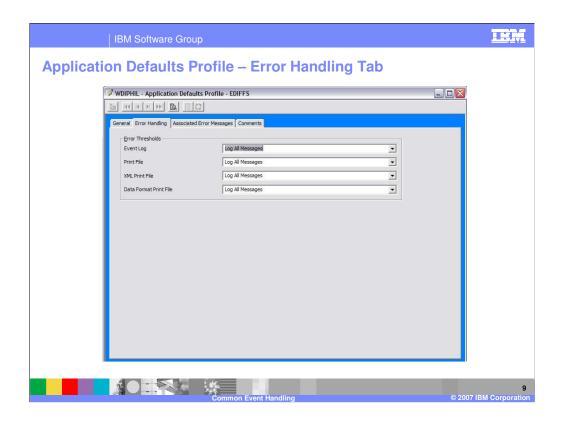
Application Data Formatted print files have a fixed record layout ready for processing.

Application Defaults Profile Select whether to create an XML print file (default: no) Select whether to create an ADF print file (default: no) Select whether event log is active (default: yes) Choose error severity thresholds for the three print files and the event log Select specific error messages that can override severity thresholds To be included or to be omitted from print files and event log regardless of severity

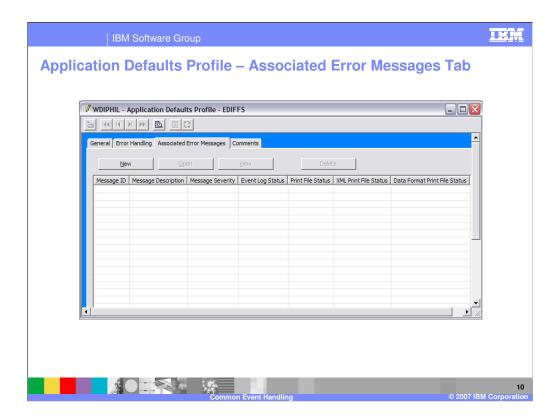
Destinations are selected by Application Defaults Profile. The type of print file is specified in the Application Defaults Profile. The print files can be conditioned by error severity. Specific Error messages can be specified that will trigger the creation of a print file. Specific Error messages can be omitted or included in the print file.



This is the Application Defaults profile, General Tab. It is located in the WDI Client, Environment functional area.



On the Error Handling tab you can specify the error thresholds conditioning creation of the various print files.



Associated Error Messages provides the capability of conditioning specific error messages in the print files.

Filtering Messages To Event Log – Order of Precedence

• Event Log Active box not checked in the APPDEFS profile, no logging will occur

• Write Message To Event Log specified in the APPDEFS profile, the message will be written when it occurs regardless of severity

• Do Not Write Message To Event Log specified in the APPDEFS profile, the message will not be written regardless of severity

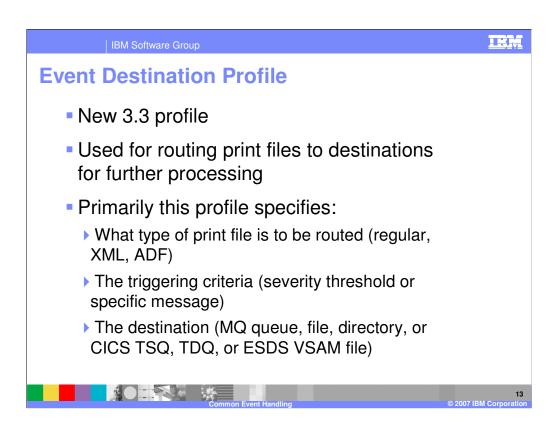
• Messages with severities that meet the Event Log Error Threshold in the APPDEFS profile will be written

• Default is to log messages with severity 8 and higher

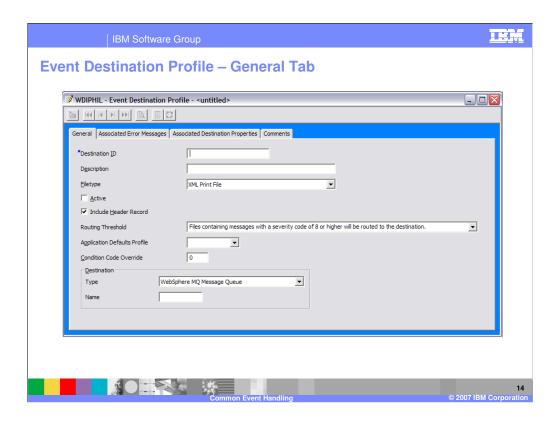
The criteria for logging messages to the Event Log have an order of precedence. Event Log Active, Write Message to Event Log, Do Not Write Message, Message with an Event Log Error Threshold.

IKW. IBM Software Group Filtering Messages To Print Files – Order of Precedence Utility keywords IGNOREINFO and IGNOREWARN will filter severity 0 and 4 messages respectively Utility keyword FILTERMSGS will filter specified messages with severity less than 8 Write Message To Print File specified in the APPDEFS profile, the message will be written when it occurs regardless of severity Do Not Write Message To Print File specified in the APPDEFS profile, the message will not be written regardless of severity Messages with severities that meet the Print File Error Threshold in the APPDEFS profile will be written ▶ Default for regular print file: Log All Messages ▶ Default for XML and ADF print files: Do Not Log Messages

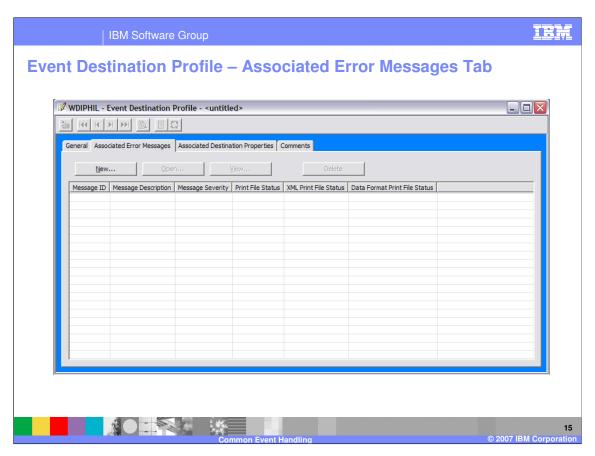
Filtering Messages to Print Files have an order of precedence. Utility Keywords, APPDEFS Write Message To Print File, APPDEFS Do not write message to print file, and Messages with Print File Error Threshold. The defaults for the regular print file is to log all messages. For XML and ADF formatted print files is to not log messages.



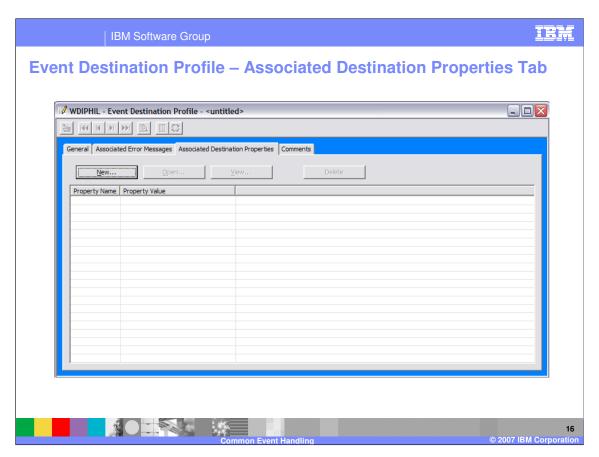
The Event Destination Profile is new for WebSphere Data Interchange V3.3. Controls the routing of print files to various destinations. Multiple Event Destination Profiles can be selected by APPDEF Profile name.



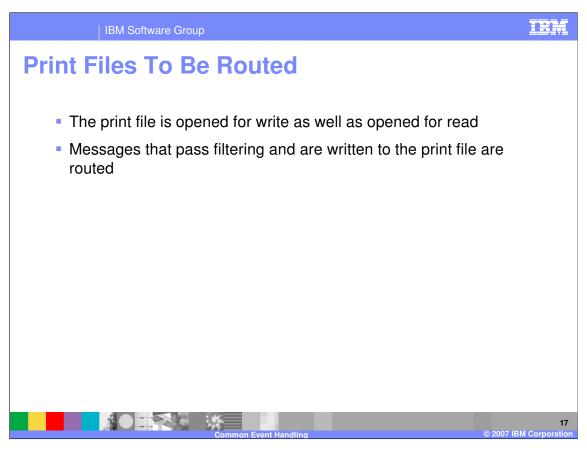
Unique destination IDs must be given. The print file type must be XML, regular print file, or ADF. Active selects whether the profile is selectable to be used. Include header record allows Associated destination properties to be included in the output. The Destination can be conditioned by the message maximum error severity. Application Defaults Profile is used to select the Destination Profile. Destination Type specifies where to print file data is placed. On an MQ Queue, TDQ, TSQ, Dataset or HFS text file.



This is the Event Destination Profile. It is located in the WDI Client Processing functional area.



The Associated Destination Properties tab contains a list of all the associated error messages and edit fields that display information about these properties.



The print file to be routed (whether PRTFILE, XMLPRNT, or ADFPRNT) must be able to be opened for write as well as opened for read. Only messages that pass filtering and are written to the print file, will be used to determine whether the print file gets routed.

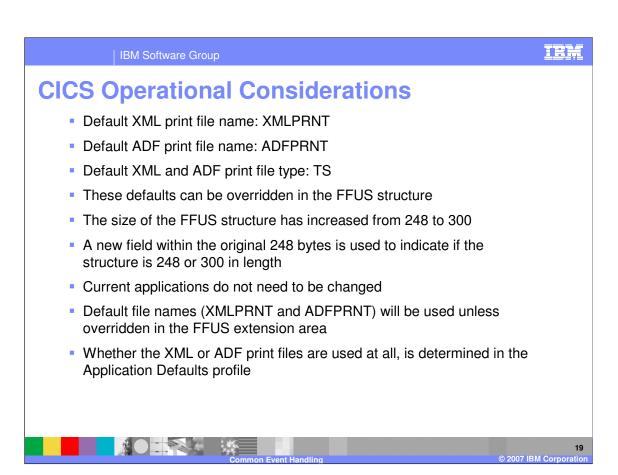
IBM Software Group

XML Routed Print Files

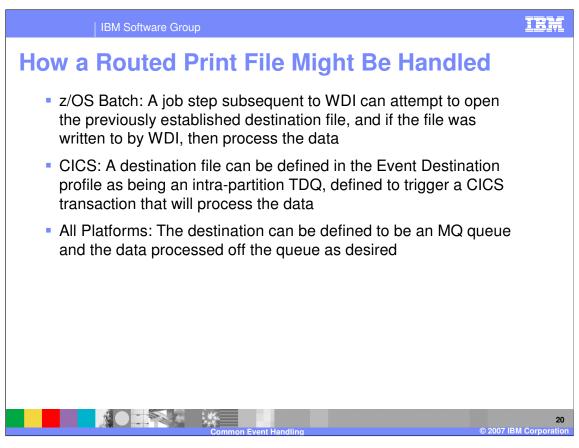
- Can include a header
 - This is indicated by a check box in the Event Destination (ED) profile
 - Includes the name of the ED profile that triggered the routing
 - ▶ The properties associated with the ED profile
- Include document information (within the DocInfo tags)
 - Document ID, syntax, dictionary, document
 - ▶ Sender and Receiver trading partner nickname
 - Sender and Receiver ID and qualifier



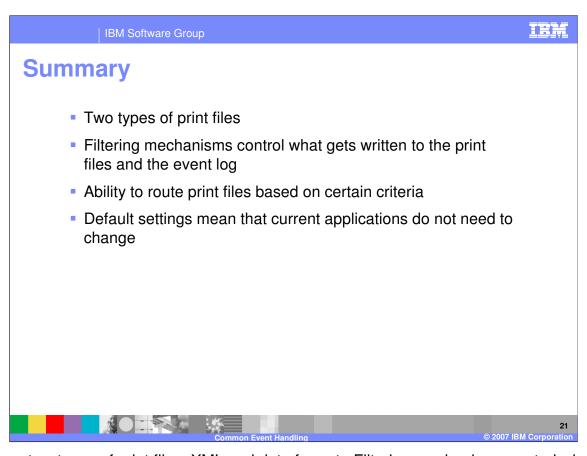
XML routed print files can include a header. This is indicated by a check box in the Event Destination (ED) profile that includes the name of the ED profile that triggered the routing, and the properties associated with the ED profile. The document information is within the DocInfo tags and includes document information and trading partner information.



These are some considerations when using the event handling in the CICS environment.



These are some examples on how a routed print file might be handled in various environments.



There are two types of print files, XML and data format. Filtering mechanisms control what is written to the print files and event log. Event handling gives you the ability to route print files based on specific criteria for example error message severity or the occurrence of a specific message.



Template Revision: 04/25/2006 11:09 AM

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2

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