

SeeBeyond™ eBusiness Integration Suite

NCPDP ETD Library User's Guide

Release 4.5.2



The information contained in this document is subject to change and is updated periodically to reflect changes to the applicable software. Although every effort has been made to ensure the accuracy of this document, SeeBeyond Technology Corporation (SeeBeyond) assumes no responsibility for any errors that may appear herein. The software described in this document is furnished under a License Agreement and may be used or copied only in accordance with the terms of such License Agreement. Printing, copying, or reproducing this document in any fashion is prohibited except in accordance with the License Agreement. The contents of this document are designated as being confidential and proprietary; are considered to be trade secrets of SeeBeyond; and may be used only in accordance with the License Agreement, as protected and enforceable by law. SeeBeyond assumes no responsibility for the use or reliability of its software on platforms that are not supported by SeeBeyond.

e*Gate, e*Insight, e*Way, e*Xchange, e*Xpressway, eBI, iBridge, Intelligent Bridge, IQ, SeeBeyond, and the SeeBeyond logo are trademarks and service marks of SeeBeyond Technology Corporation. All other brands or product names are trademarks of their respective companies.

© 2002 by SeeBeyond Technology Corporation. All Rights Reserved. This work is protected as an unpublished work under the copyright laws.

This work is confidential and proprietary information of SeeBeyond and must be maintained in strict confidence.

Version 20020222150948.

Contents

Chapter 1

Introduction	5
Overview	5
Intended Reader	5
Compatible Systems	5

Chapter 2

NCPDP Overview	7
Introduction to NCPDP	7
What Is NCPDP?	7
History	7
What Is the NCPDP Telecommunications Standard?	7
What Is a Message Structure?	8
Components of an NCPDP Envelope	9
Structure of a Request Transaction	9
Structure of a Response Transaction	9
Batching in NCPDP	9
Acknowledgment Types	10
Transaction Codes	10
Additional Information	10

Chapter 3

NCPDP Template Installation	12
Installation Procedure	12

Chapter 4

The NCPDP ETD Library	14
Folder Structure Created by Installation	14

Contents

Structure of Transaction File Names	14
List of Transactions	15

Chapter 5

NCPDP ETD Library Java Methods	20
SetDefaultNCPDPDelimiters	20
validate (no parameters)	21
validate (Boolean parameter)	21

Index	23
--------------	-----------

Introduction

This chapter introduces you to the NCPDP ETD Library User's Guide.

1.1 Overview

Each of the e*Gate Event Type Definition (ETD) libraries contains sets of pre-built structures for industry-standard formats. e*Gate ETD files are message format definitions in Monk or Java. In the case of the NCPDP ETD Library, the ETDs are all in Java.

The NCPDP ETD library contains message definitions for NCPDP messages. This document gives a brief overview of NCPDP and the NCPDP message structures provided in the SeeBeyond eBusiness Integration Suite NCPDP ETD Library, and provides information on installing and using the library.

1.2 Intended Reader

The reader of this guide is presumed to be a developer or system administrator with responsibility for maintaining the e*Gate™ system or the SeeBeyond™ eBusiness Integration Suite, to be thoroughly familiar with Windows 2000 and Windows NT operations and administration, and also with Microsoft Windows graphical user interfaces.

1.3 Compatible Systems

The e*Gate NCPDP ETD Library supports the following platforms:

- Windows 2000, Windows 2000 SP1, and Windows 2000 SP2
- Windows NT 4.0 SP6a
- Compaq Tru64 Version 4.0F and 5.0A
- Solaris 2.6, 7, and 8
- HP-UX 11.0 and 11i

- AIX 4.3.3

Note: Windows Systems—*The SeeBeyond eBusiness Integration Suite is fully compliant with Windows 2000 and Windows NT 4.0 platforms. When this document references Windows, such statements apply to both Windows platforms.*

Note: UNIX Systems—*This guide uses the backslash (“\”) as the separator within path names. If you are working on a UNIX system, please make the appropriate substitutions.*

NCPDP Overview

This chapter provides a brief overview of NCPDP, including the structure of an NCPDP envelope, data elements, and syntax.

2.1 Introduction to NCPDP

The following sections provide an introduction to NCPDP and to the message structures that comprise the NCPDP ETD Library.

2.1.1 What Is NCPDP?

NCPDP (an acronym for the National Council for Prescription Drug Programs) is an organization, accredited by ANSI, that is tasked with standards development for the pharmaceutical industry.

The mission of NCPDP is twofold:

- To create and promote standards for data interchange in pharmaceutical services (including electronic data interchange)
- To provide educational information and resources to members

In following the above, NCPDP hopes to enhance the quality of healthcare by creating, and encouraging the use of, a high-quality data interchange standard.

2.1.2 History

Pharmacies started moving towards computerization in the late 1970s. By 1977, standardization of forms was seen as a need and NCPDP was formed to meet that need. The first NCPDP standardized form was released in 1978. By 1987, electronic claims were introduced. In 1988, version 1.0 of the NCPDP Telecommunications Standard was released. Since then, the standard has continued to be developed.

2.1.3 What Is the NCPDP Telecommunications Standard?

The NCPDP Telecommunications Standard (Telecom) is a data transmission standard specifically designed for the communication of prescription information between pharmacies and payers. It was developed to provide a consistent standard for pharmaceutical drug claims. This standard defines the structure for prescription claim

transactions between providers (for example, pharmacies or doctors) and claims adjudicators. It provides for communications in both directions.

The HIPAA (Health Insurance Portability and Accountability Act of 1996) standard for electronic health care transactions and code sets adopts the following NCPDP standards for pharmacy claims:

- NCPDP Telecommunication Standard Format, Version 5.1
- NCPDP Batch Standard, Version 1 Release 0 (1.0)

Note: *Currently, the HIPAA standard uses NCPDP Batch Standard Version 1.0. However NCPDP has asked DSMO (Designated Standards Maintenance Organization) for revision to support Batch Standard Version 1.1 for usage with Telecommunication Standard Version 5.1. When the NPRM (Notices of Proposed Rulemaking) is issued for the correction, the HIPAA standard will use Batch Standard Version 1.1.*

Health plans, health care clearinghouses, and health care providers who use electronic transactions are required to use these standards after October 2002.

2.1.4 What Is a Message Structure?

The term *message structure* (also called a transaction set structure) refers to the way in which data elements are organized and related to each other for a particular electronic transaction.

In e*Gate, a message structure is called an Event Type Definition (ETD). Each message structure (ETD) consists of the following:

- Physical hierarchy
The predefined way in which envelopes, segments, and data elements are organized to describe a particular transaction.
- Delimiters
The specific predefined characters that are used to mark the beginning and end of envelopes, segments, and data elements.
- Properties
The characteristics of a data element, such as the length of each element, default values, and indicators that specify attributes of a data element—for example, whether it is required, optional, or repeating.

The transaction set structure of an invoice that is sent from one trading partner to another defines the header, trailer, segments, and data elements required by invoice transactions. Installation of NCPDP templates for a specific version includes transaction set structures for each of the transactions available in that version.

2.2 Components of an NCPDP Envelope

NCPDP messages are all ASCII text, with the exception of the delimiters which are hexadecimal.

2.2.1 Structure of a Request Transaction

An NCPDP Business Request Transaction has the following main parts:

- An electronic envelope, including such items as sender ID, receiver ID, message type, password, and date/time.
- A prescriber section, including such items as prescriber identifier (for example, State License), prescriber name, business name, business address, and specialty code.
- A pharmacy section, including such items as NCPDP provider identifying code, pharmacy name, pharmacist name, pharmacy address, and pharmacy phone number.
- A patient section, including such items as patient name, date of birth, gender, address, and the pharmacy or prescriber's internal ID code for the patient.

2.2.2 Structure of a Response Transaction

An NCPDP Response Transaction includes:

- Electronic envelope
- Response status, which can be any one of the following:
 - ♦ An acknowledgment of receipt of the transaction
 - ♦ A "paired" response transaction (this might approve the request, deny it, or approve it but with changes)
 - ♦ An error acknowledgment

2.3 Batching in NCPDP

NCPDP supports batching of transactions.

An NCPDP batch file is comprised of three sections:

- Transaction header (one per batch)
- Data (one or many, to a maximum of 9,999,999,997) Each contains a Transaction Reference Number to uniquely identify the transaction within the file.
- Transaction trailer (one per batch)

2.4 Acknowledgment Types

The transactions defined within NCPDP are of two types: request transactions, and response transactions. There are no discrete acknowledgment transactions.

However, a “captured” response (one of the several types of response transactions) can be used when information transactions are sent and require nothing more than acknowledgment of their receipt at the processor or endpoint.

2.5 Transaction Codes

NCPDP uses Transaction Codes to indicate the type of transaction.

A list of NCPDP Transaction Codes is provided in Table 1.

Table 1 NCPDP Transaction Codes

Code	Transaction Name
E1	Eligibility Verification
B1	Billing
B2	Reversal
B3	Rebill
P1	Prior Authorization Request and Billing
P2	Prior Authorization Reversal
P3	Prior Authorization Inquiry
P4	Prior Authorization Request Only
N1	Information Reporting
N2	Information Reporting Reversal
N3	Information Reporting Rebill
C1	Controlled Substance Reporting
C2	Controlled Substance Reporting Reversal
C3	Controlled Substance Reporting Rebill

2.6 Additional Information

For more information on NCPDP, visit the official NCPDP Web site at this address:

- <http://www.ncdp.org/>

Note: *This information is correct at the time of going to press; however, SeeBeyond has no control over these sites. If you find the link is are no longer correct, use a search engine to search for NCPDP.*

NCPDP Template Installation

This chapter provides information on installation of the NCPDP templates.

3.1 Installation Procedure

This section explains how to install the NCPDP template files.

Note: *This procedure only covers the specific portions of installation that relate to template installation. For complete installation instructions, refer to the **e*Gate Integrator Installation Guide**.*

Before you begin:

- You must have Administrator privileges to install back-end components such as the NCPDP templates.
- Exit all Windows programs, including any anti-virus applications, before running the setup program.
- Verify your e*Gate registry host name, schema name, control broker logical name, and the administrator user name and password.

To install the NCPDP templates on Windows

- 1 Log in on the workstation on which you want to install the templates.
- 2 Insert the installation CD into the CD-ROM drive.
If Autorun is enabled, the setup program automatically starts. Otherwise:
 - ♦ On the task bar, click the **Start** button, and then click **Run**.
 - ♦ In the **Open** field, type **D:\setup\setup.exe** where **D:** is your CD-ROM drive.
- 3 Follow the installation instructions until you come to the **Please choose the product to install** dialog box.
- 4 Select **e*Gate Integrator**, and then click **Next**.
- 5 Follow the on-screen instructions until you come to the second **Please choose the product to install** dialog box.
- 6 Select **Add-ons**, and then click **Next**.

- 7 Follow the on-screen instructions until you come to the **Select Components** dialog box.
- 8 Highlight (but do not check) **ETD Libraries**, and then click the **Change** button.
The **Select Sub-components** dialog box appears.
- 9 Select **Java NCPDP ETD Library 4.5.2**.
- 10 Click **Continue** to return to the **Select Components** dialog box, and then click **Next**.
- 11 Follow the rest of the on-screen instructions to install the NCPDP templates.

Note: Do not change the default directory location for the NCPDP template files.

To install the NCPDP templates on UNIX

- 1 Follow the steps for the standard e*Gate installation.
For more information, refer to the *e*Gate Integrator Installation Guide*.
- 2 At the prompt **Choose e*Gate Add-on Application**, enter the number assigned for the NCPDP ETD Library (scroll down the list to check).
- 3 Enter the installation path, or press Enter to accept the default path (recommended).
- 4 Enter the hostname of the registry server (UNIX host).
The library is installed.

The NCPDP ETD Library

This chapter provides information on the files and folders created as a result of installing the NCPDP ETD Library.

This library supports NCPDP Telecommunications version 5.1 and Batch versions 1.0 and 1.1.

4.1 Folder Structure Created by Installation

By default, installation places the NCPDP templates as shown in Table 2.

Table 2 NCPDP Template Locations

These files...	Are installed in this location...
Java	\eGate\Server\registry\repository\default\ETD\templates\NCPDP

Installation commits the templates to the **default** schema on the Registry Host that you specified during the installation process.

There is an **.xsc** and a **.jar** file for each Java NCPDP message structure.

UNIX installation places the files in the same path locations and directories as shown above.

4.2 Structure of Transaction File Names

The file name for each template is comprised of the same set of elements in the same sequence.

Breakdown and examples are given below.

- NCPDP_ (name of standard followed by underscore)
- T51_, Batch_1_0, or Batch11 (version type and number, version type is followed by underscore)
- REQ_ or RESP_ (indicates whether the message is a request or a response)

- Two-character transaction code followed by underscore; for example, E1_ or N3_ (indicates transaction type, such as Eligibility Verification or Information Reporting Rebill)
- Abbreviation for the transaction name; for example, BillRequ for Billing Request.
- .xsc (file extension)

For example:

- The Java file name for a Prior Authorization Inquiry Response: Transmission Accepted; Transaction Rejected is **NCPDP_T51_P3_RESP_4_PAInquRespTranAcceReje.xsc**.

4.3 List of Transactions

Installation of the NCPDP ETD library includes two files for each transaction; a Java ETD file (.xsc) and a Java class file (.jar). These files are needed by e*Gate for processing the various supported transactions. It also includes the .jar file for all NCPDP segments, **NCPDP_T51_AllSegsComs.jar**.

The NCPDP Telecom 5.1 transactions are listed in Table 3.

Table 3 NCPDP Transactions

File Name	Transaction Name
NCPDP_T51_B1_REQ_BillRequ	Billing: Billing Request
NCPDP_T51_B1_RESP_1_BillRespTranAccePaidOrDuplOfPaid	Billing Response: Transmission Accepted; Transaction Paid or Duplicate of Paid
NCPDP_T51_B1_RESP_2_BillRespTranAcceCaptOrDuplOfCapt	Billing Response: Transmission Accepted; Transaction Captured or Duplicate of Capture
NCPDP_T51_B1_RESP_4_BillRespTranAcceReje	Billing Response: Transmission Accepted; Transaction Rejected
NCPDP_T51_B1_RESP_5_BillRespTranRejeReje	Billing Response: Transmission Rejected; Transaction Rejected
NCPDP_T51_B2_REQ_ReveRequ	Reversal: Reversal Request
NCPDP_T51_B2_RESP_2_ReveRespTranAcceCaptOrDuplOfCapt	Reversal Response: Transmission Accepted; Transaction Captured or Duplicate of Capture
NCPDP_T51_B2_RESP_3_ReveRespTranAcceApprOrDuplOfAppr	Reversal Response: Transmission Accepted; Transaction Approved or Duplicate of Approved
NCPDP_T51_B2_RESP_4_ReveRespTranAcceReje	Reversal Response: Transmission Accepted; Transaction Rejected
NCPDP_T51_B2_RESP_5_ReveRespTranRejeReje	Reversal Response: Transmission Rejected; Transaction Rejected
NCPDP_T51_B3_REQ_RebiRequ	Rebill: Rebill Request
NCPDP_T51_B3_RESP_1_RebiRespTranAccePaidOrDuplOfPaid	Rebill Response: Transmission Accepted; Transaction Paid or Duplicate of Paid

Table 3 NCPDP Transactions (Continued)

File Name	Transaction Name
NCPDP_T51_B3_RESP_2_RebiRespTranAcceCaptOrDuplOfCapt	Rebill Response: Transmission Accepted; Transaction Captured or Duplicate of Capture
NCPDP_T51_B3_RESP_4_RebiRespTranAcceReje	Rebill Response: Transmission Accepted; Transaction Rejected
NCPDP_T51_B3_RESP_5_RebiRespTranRejeReje	Rebill Response: Transmission Rejected; Transaction Rejected
NCPDP_T51_C1_REQ_ContSubsRepoRequ	Controlled Substance Reporting Request
NCPDP_T51_C1_RESP_2_CSRepoRespTranAcceCaptOrDuplOfCapt	Controlled Substance Reporting Response: Transmission Accepted; Transaction Captured or Duplicate of Capture
NCPDP_T51_C1_RESP_3_CSRepoRespTranAcceApprOrDuplOfAppr	Controlled Substance Reporting Response: Transmission Accepted; Transaction Approved or Duplicate of Approved
NCPDP_T51_C1_RESP_4_CSRepoRespTranAcceReje	Controlled Substance Reporting Response: Transmission Accepted; Transaction Rejected
NCPDP_T51_C1_RESP_5_CSRepoRespTranRejeReje	Controlled Substance Reporting Response: Transmission Rejected; Transaction Rejected
NCPDP_T51_C2_REQ_ContSubsRepoReveRequ	Controlled Substance Reporting Reversal Request
NCPDP_T51_C2_RESP_2_CSRepoReveRespTranAcceCaptOrDuplOfCapt	Controlled Substance Reporting Reversal Response: Transmission Accepted; Transaction Captured or Duplicate of Capture
NCPDP_T51_C2_RESP_3_CSRepoReveRespTranAcceApprOrDuplOfAppr	Controlled Substance Reporting Reversal Response: Transmission Accepted; Transaction Approved or Duplicate of Approved
NCPDP_T51_C2_RESP_4_CSRepoReveRespTranAcceReje	Controlled Substance Reporting Reversal Response: Transmission Accepted; Transaction Rejected
NCPDP_T51_C2_RESP_5_CSRepoReveRespTranRejeReje	Controlled Substance Reporting Reversal Response: Transmission Rejected; Transaction Rejected
NCPDP_T51_C3_REQ_ContSubsRepoRebiRequ	Controlled Substance Reporting Rebill Request
NCPDP_T51_C3_RESP_2_CSRepoRebiRespTranAcceCaptOrDuplOfCapt	Controlled Substance Reporting Rebill Response: Transmission Accepted; Transaction Captured or Duplicate of Capture
NCPDP_T51_C3_RESP_3_CSRepoRebiRespTranAcceApprOrDuplOfAppr	Controlled Substance Reporting Rebill Response: Transmission Accepted; Transaction Approved or Duplicate of Approved
NCPDP_T51_C3_RESP_4_CSRepoRebiRespTranAcceReje	Controlled Substance Reporting Rebill Response: Transmission Accepted; Transaction Rejected

Table 3 NCPDP Transactions (Continued)

File Name	Transaction Name
NCPDP_T51_C3_RESP_5_CSRepoRebiRespTranRejeReje	Controlled Substance Reporting Rebill Response: Transmission Rejected; Transaction Rejected
NCPDP_T51_E1_REQ_EligVeriRequ	Eligibility Verification Request
NCPDP_T51_E1_RESP_3_EligRespTranAcceAppr OrDuplOfAppr	Eligibility Verification Response: Transmission Accepted; Transaction Approved or Duplicate of Approved
NCPDP_T51_E1_RESP_4_EligRespTranAcceReje	Eligibility Verification Response: Transmission Accepted; Transaction Rejected
NCPDP_T51_E1_RESP_5_EligRespTranRejeReje	Eligibility Verification Response: Transmission Rejected; Transaction Rejected
NCPDP_T51_N1_REQ_InfoRepoRequ	Information Reporting Request
NCPDP_T51_N1_RESP_1_InfoRepoRespTranAccePaidOrDuplOfPaid	Information Reporting Response: Transmission Accepted; Transaction Paid or Duplicate of Paid
NCPDP_T51_N1_RESP_2_InfoRepoRespTranAcceCaptOrDuplOfCapt	Information Reporting Response: Transmission Accepted; Transaction Captured or Duplicate of Capture
NCPDP_T51_N1_RESP_3_InfoRepoRespTranAcceApprOrDuplOfAppr	Information Reporting Response: Transmission Accepted; Transaction Approved or Duplicate of Approved
NCPDP_T51_N1_RESP_4_InfoRepoRespTranAcceReje	Information Reporting Response: Transmission Accepted; Transaction Rejected
NCPDP_T51_N1_RESP_5_InfoRepoRespTranRejeReje	Information Reporting Response: Transmission Rejected; Transaction Rejected
NCPDP_T51_N2_REQ_InfoRepoReveRequ	Information Reporting Reversal Request
NCPDP_T51_N2_RESP_2_InfRepRevResTraAccCapOrDupOfCap	Information Reporting Reversal Response: Transmission Accepted; Transaction Captured or Duplicate of Capture
NCPDP_T51_N2_RESP_3_InfRepRevResTraAccAppOrDupOfApp	Information Reporting Reversal Response: Transmission Accepted; Transaction Approved or Duplicate of Approved
NCPDP_T51_N2_RESP_4_InfoRepoReveRespTranAcceReje	Information Reporting Reversal Response: Transmission Accepted; Transaction Rejected
NCPDP_T51_N2_RESP_5_InfoRepoReveRespTranRejeReje	Information Reporting Reversal Response: Transmission Rejected; Transaction Rejected
NCPDP_T51_N3_REQ_InfoRepoRebiRequ	Information Reporting Rebill Request
NCPDP_T51_N3_RESP_1_InfRepRebResTraAccPaiOrDupOfPai	Information Reporting Rebill Response: Response: Transmission Accepted; Transaction Paid or Duplicate of Paid
NCPDP_T51_N3_RESP_2_InfRepRebResTraAccCapOrDupOfCap	Information Reporting Rebill Response: Transmission Accepted; Transaction Captured or Duplicate of Capture

Table 3 NCPDP Transactions (Continued)

File Name	Transaction Name
NCPDP_T51_N3_RESP_3_InfRepRebResTraAccAppOrDupOfApp	Information Reporting Rebill Response: Transmission Accepted; Transaction Approved or Duplicate of Approved
NCPDP_T51_N3_RESP_4_InfoRepoRebiRespTranAcceReje	Information Reporting Rebill Response: Transmission Accepted; Transaction Rejected
NCPDP_T51_N3_RESP_5_InfoRepoRebiRespTranRejeReje	Information Reporting Rebill Response: Transmission Rejected; Transaction Rejected
NCPDP_T51_P1_REQ_PrioAuthRequAndBillRequ	Prior Authorization Request and Billing Request
NCPDP_T51_P1_RESP_1_PAREqBillRespTranAccePaidOrDuplOfPaid	Prior Authorization Request and Billing Response: Transmission Accepted; Transaction Paid or Duplicate of Paid
NCPDP_T51_P1_RESP_2_PAREqBillRespTranAcceCaptOrDuplOfCapt	Prior Authorization Request and Billing Response: Transmission Accepted; Transaction Captured or Duplicate of Capture
NCPDP_T51_P1_RESP_4_PAREqBillRespTranAcceReje	Prior Authorization Request and Billing Response: Transmission Accepted; Transaction Rejected
NCPDP_T51_P1_RESP_5_PAREqBillRespTranRejeReje	Prior Authorization Request and Billing Response: Transmission Rejected; Transaction Rejected
NCPDP_T51_P2_REQ_PrioAuthReveRequ	Prior Authorization Reversal Request
NCPDP_T51_P2_RESP_2_PAREveRespTranAcceCaptOrDuplOfCapt	Prior Authorization Reversal Response: Transmission Accepted; Transaction Captured or Duplicate of Capture
NCPDP_T51_P2_RESP_3_PAREveRespTranAcceApprOrDuplOfAppr	Prior Authorization Reversal Response: Transmission Accepted; Transaction Approved or Duplicate of Approved
NCPDP_T51_P2_RESP_4_PAREveRespTranAcceReje	Prior Authorization Reversal Response: Transmission Accepted; Transaction Rejected
NCPDP_T51_P2_RESP_5_PAREveRespTranRejeReje	Prior Authorization Reversal Response: Transmission Rejected; Transaction Rejected
NCPDP_T51_P3_REQ_PrioAuthInquRequ	Prior Authorization Inquiry Request
NCPDP_T51_P3_RESP_1_PAIinquRespTranAccePaidOrDuplOfPaid	Prior Authorization Inquiry Response: Transmission Accepted; Transaction Paid or Duplicate of Paid
NCPDP_T51_P3_RESP_2_PAIinquRespTranAcceCaptOrDuplOfCapt	Prior Authorization Inquiry Response: Transmission Accepted; Transaction Captured or Duplicate of Capture
NCPDP_T51_P3_RESP_3_PAIinquRespTranAcceApprOrDuplOfAppr	Prior Authorization Inquiry Response: Transmission Accepted; Transaction Approved or Duplicate of Approved
NCPDP_T51_P3_RESP_4_PAIinquRespTranAcceReje	Prior Authorization Inquiry Response: Transmission Accepted; Transaction Rejected

Table 3 NCPDP Transactions (Continued)

File Name	Transaction Name
NCPDP_T51_P3_RESP_5_PAIInquRespTranRejeReje	Prior Authorization Inquiry Response: Transmission Rejected; Transaction Rejected
NCPDP_T51_P4_REQ_PrioAuthRequOnlyRequ	Prior Authorization Request Only Request
NCPDP_T51_P4_RESP_2_PAREqOnlyRespTranAcceCaptOrDuplOfCapt	Prior Authorization Request Only Response: Transmission Accepted; Transaction Captured or Duplicate of Capture
NCPDP_T51_P4_RESP_3_PAREqOnlyRespTranAcceApprOrDuplOfAppr	Prior Authorization Request Only Response: Transmission Accepted; Transaction Approved or Duplicate of Approved
NCPDP_T51_P4_RESP_4_PAREqOnlyRespTranAcceReje	Prior Authorization Request Only Response: Transmission Accepted; Transaction Rejected
NCPDP_T51_P4_RESP_5_PAREqOnlyRespTranRejeReje	Prior Authorization Request Only Response: Transmission Rejected; Transaction Rejected

NCPDP ETD Library Java Methods

The NCPDP ETD Library contains Java methods that are used to extend the functionality of the ETDs. These methods allow you to get the standard NCPDP delimiters from the input ETD and set them appropriately for the output ETD; or to set the delimiters to the defaults.

The methods are:

- [SetDefaultNCPDPDelimiters](#) on page 20

The NCPDP ETD Library also includes the following custom Java methods for testing the validation Collaboration:

- [validate \(no parameters\)](#) on page 21
- [validate \(Boolean parameter\)](#) on page 21

SetDefaultNCPDPDelimiters

Description

Sets the default NCPDP delimiters.

Syntax

```
public final static void setDefaultNCPDPDelimiters()
```

Parameters

Name	Type	Description
setDefaultNCPDPDelimiters	METHOD	Sets the current delimiters to the default NCPDP delimiters

setDefaultNCPDPDelimiters Constants

None

Returns

Void

Throws

None

Examples

```
com.stc.ncpdp.NCPDP_T51_P4_RESP_3_PAREqOnlyRespTranAcceApprOrDuplOfAp  
prTransmission myETD=new com.stc.ncpdp.NCPDP_T51_P4_RESP_3_PAREqOnlyR  
espTranAcceApprOrDuplOfApprTransmission();  
.....  
.....  
myETD.setDefaultNCPDPDelimiters();
```

validate (no parameters)

Description

Validates the ETD content in memory.

For example, if one of the nodes populated in the ETD has an inappropriate value, this method outputs a string providing this information.

If there are no problems with the ETD content, the output is a null string.

Syntax

```
public String validate()
```

Parameters

None.

validate Constants

None.

Returns

String

Throws

None.

Examples

```
com.stc.ncpdp.NCPDP_T51_P4_RESP_3_PAREqOnlyRespTranAcceApprOrDuplOfAp  
prTransmission myETD=new com.stc.ncpdp.NCPDP_T51_P4_RESP_3_PAREqOnlyR  
espTranAcceApprOrDuplOfApprTransmission();  
.....  
.....  
string msg=myETD.validate();
```

validate (Boolean parameter)

Description

Validates the ETD content, either immediately after unmarshaling or in memory.

When used with the parameter set to false, this method works in the same way as validate (with no parameters).

However, when the parameter is set to true, this method can be used to validate length information in the input data file.

For example, if the ETD expects a six-digit date and the input data provides an eight-digit date, this method outputs a string showing this information.

If there are no problems with the input data, the output is a null string.

Syntax

```
public String validate(boolean original)
```

Parameters

Name	Type	Description
original	boolean	If true, validates the ETD content right after unmarshaling. If false, validates the ETD in memory.

validate Constants

None.

Returns

String

Throws

None

Examples

```
com.stc.ncdpd.NCPDP_T51_P4_RESP_3_PAREqOnlyRespTranAcceApprOrDuplOfAp  
prTransmission myETD=new com.stc.ncdpd.NCPDP_T51_P4_RESP_3_PAREqOnlyR  
espTranAcceApprOrDuplOfApprTransmission();  
.....  
.....  
string msg=myETD.validate(true);
```

Index

A

acknowledgments 10

C

compatible systems 5

AIX 6

Compaq Tru64 5

HP-UX 5

Solaris 5

Tru64 5

UNIX 6

Windows 2000 and Windows NT 4.0 6

D

document overview 5

F

files and folders created by installation 14

folder structure created by installation 14

I

installation 12–13

installation procedure 12

intended reader 5

N

NCPDP 10

acknowledgment types 10

additional information (Web sites) 10

folder structure created by installation 14

structure of file names 14

what is it? 7

NCPDP ETD Library 14

NCPDP templates

installation 12–13

O

overview 5

of document 5

of NCPDP 7

S

structure of NCPDP template file names 14

T

template location 14

Transaction Codes 10

W

what is a message structure? 8