

# Netscape Release Note

ECXpert Version 3.0  
for Solaris Version 2.5.1 or 2.6  
18 June 99

» **IMPORTANT:**

This Release Note contains information about ECXpert Version 3.0.

Please read this document now for update information that supplements the printed and electronic documentation.

This document is continuously updated. To obtain the latest version of the Netscape ECXpert Release Note, or of any Netscape ECXpert document, see “Downloading Updated ECXpert Documentation” on page 7.

## Contents

<i>New Features in Netscape ECXpert Version 3.0</i> .....	5
Enhanced Detail Reporting in ANSI Functional Acknowledgments (FAs/997s) ..	5
Improved Performance of ECXpert Parse Service .....	5
New Files to Use with ECXpert Parse Service .....	5
Support for Odette FTP (OFTP) .....	6
Support for XML .....	6
<i>Changes to Documentation</i> .....	6
Online Help in Problem with Navigator 4.6 on Solaris .....	7
Downloading Updated ECXpert Documentation .....	7
<i>Using the Parser Restriction and Trace Files</i> .....	8
<i>Note on Using Sendmail with ECXpert 3.0</i> .....	13
<i>Contacting Technical Support</i> .....	14

# *New Features in Netscape ECXpert Version 3.0*

The following new features have been added to Netscape ECXpert Version 3.0:

## *Enhanced Detail Reporting in ANSI Functional Acknowledgments (FAs/997s)*

When you request Functional Acknowledgments (FAs/997s) in ANSI X12 partnerships, you now have a range of options available in specifying when you want FAs, the level of detail you want reported when there are no errors, and the level of detail to expand reporting to when there are errors. In ANSI standard terms, the AK3 and AK4 levels are now reportable in FAs. Details are provided in the *ECXpert Site Administrator's Handbook*, partnerships chapter.

## *Improved Performance of ECXpert Parse Service*

The ECXpert Parser, which provides the Parse service, has been rewritten to increase its processing speed. You should be able to notice the difference on high processing volumes involving the Parse service.

## *New Files to Use with ECXpert Parse Service*

ECXpert Version 3.0 has added a parser restrictions file (*parser.res*) that you can use to fine-tune the control the characters that the ECXpert Parse service allows in EDI enveloping and ID lookups. A second file, the parser trace file (*parser.trace*) can be used in debugging problems with data and maps. You can configure the parser trace file to trace parsing activity down to the byte-by-byte level if you need to.

Details are provided in "Using the Parser Restriction and Trace Files" on page 8 of this release note. This coverage will be moved into the *ECXpert Operations Reference Manual* when that book is released for ECXpert Version 3.0.

## *Support for Odette FTP (OFTP)*

ECXpert Version 3.0 has added support for Odette FTP (OFTP), a protocol originally developed for the European automotive industry. ECXpert support for OFTP includes a scripting language to automate OFTP connections. Details are provided in the *ECXpert Site Administrator's Handbook*, "OFTP User's Guide" appendix.

## *Support for XML*

ECXpert Version 3.0 has added support for eXtensible Markup Language (XML). The eXML Connector provides the infrastructure needed to build connectors to new applications using XML formatted messages. Details are provided in the *ECXpert Developer's Handbook*, ECXpert XML SDK chapter.

# *Changes to Documentation*

Netscape now provides most documentation changes in the form of updated versions of the documentation. Important information not provided in the documentation appears in the following sections of this Release Note.

To ensure you have the most up-to-date information, Netscape strongly urges you to **download the latest Netscape ECXpert documentation PDF files**. See "Downloading Updated ECXpert Documentation" on page 7 for instructions.

The following updates have been made to the Netscape ECXpert 3.0 documentation set:

### *All Books*

- Index and Glossary updated
- Minor documentation errata and omissions corrected

## *Netscape ECXpert Getting Started Guide*

- Separate Appendix added for upgrading from ECXpert Version 1.1.1 to Version 3.0
- Appendix of instructions for using Oracle8 with ECXpert removed from the printed *ECXpert Getting Started Guide* due to problems that could not be resolved prior to printing. See “Downloading Updated ECXpert Documentation” on page 7 for instructions on getting the updated documentation as soon as it is available.

## *Netscape ECXpert Site Administrator's Handbook*

- Separate Appendix added for ECXpert OFTP Server User's Guide.
- User interface sections updated to reflect UI changes.

## *Online Help in Problem with Navigator 4.6 on Solaris*

There is a known problem with the Solaris version of Navigator 4.6 that prevents online help from displaying when accessed from the Product Administrative Interface. The Windows NT version is not affected.

## *Downloading Updated ECXpert Documentation*

We continuously update Netscape ECXpert documentation. Follow these steps to:

- Determine whether you have the latest version of any Netscape ECXpert document
- Download a copy of any Netscape ECXpert document

**Note** In these instructions, the environment variable `$NSBASE` is the full path to the Netscape ECXpert installation directory.

### **1. Go to the ECXpert Product Information and Support web page.**

<http://help.netscape.com/products/apps/ecxpert/>

**2. Find the most recent version of the document you wish to download.**

To find the most recent version of any document, look at the date next to the link to the release note PDF file.

**Note** Beginning on 12/18/98, the date the document was released also appears at the bottom of each page of the document.

**3. Download the PDF file of the document.**

## Using the Parser Restriction and Trace Files

### Overview

The ECXpert Parser works with two text files that you can use to fine-tune the operation of the ECXpert Parser and troubleshoot problems in data or maps:

- *parser.res* determines which characters the Parser allows as separators and delimiters at different levels of the ANSI X12 and EDIFACT enveloping.
- *parser.trace* can be used to record parsing operations down to the byte-by-byte detail level. This can be extremely helpful in isolating an error condition with problematic data or maps.

### The ECXpert Parser Restrictions File (*parser.res*)

The ECXpert Parser restrictions file lists the characters that the ECXpert Parser accepts as valid for delimiters and separators and for ID lookup lists:

- **File Location**—*SNSBASE/NS-apps/ECXpert/maps/parser.res* is the default location after ECXpert installation.
- **ecx.ini File Parameter**—[parse] section, `restrictionsFile` parameter controls the name and location of this file.

**File Structure** The ECXpert Parser restrictions file consists of three divisions that begin with a “STANDARD = ” line; one division is for the ANSI X12 standard, one is for the EDIFACT standard, and one is for the ECXpert HREC.

Within the division for each EDI standard are sections that begin with an “ELEMENT = ” line. Each “ELEMENT = ” line is associated with the level of EDI enveloping that is indicated in the comment line (beginning with “#”) immediately above it.

Following each “ELEMENT = ” line is a series of “VALID = ” lines. Each “VALID = ” specifies a single character that is allowable at the EDI enveloping level indicated in the “ELEMENT = ” line above, for the indicated standard. On the right side of each “VALID = ” is either the hexadecimal number for the character (see the *ECXpert Site Administrator’s Handbook* appendix on “Hexadecimal Character Codes”), or the printable character itself, surrounded by single quotes. In the case of ID lookup lists, such as Sender and Receiver ID qualifiers, the entry following the “VALID = ” contains the actual ID character string enclosed in single quotes.

## Warning—What You Can Change

The “VALID = ” lines, and comments (beginning with “#”) are the only lines that you should ever modify in this file.

## How to Enable/Disable Settings

You instruct the ECXpert Parser to allow a specific character or character string as a separator or delimiter by adding a “VALID = ” line in the appropriate section for the appropriate standard. You instruct the ECXpert Parser to disallow a specific character or character string as a separator or delimiter by deleting its “VALID = ” line in the appropriate section for the appropriate standard.

## Sample Partial Listing of *parser.res* File

```
# This is the restrictions file for the ECXpert parser. It is used to
# define valid and invalid values for various elements.
#
# The only modification allowed by the user is the addition or
# deletion of 'VALID = ' type lines. Other modifications should only
# be performed with the consent of engineering as the parser depends
# on tags and values found in this file and may not work properly.
#
#
#
# X12 Standard
#
STANDARD = 'X12'

# -- Element Delimiter Restrictions
ELEMENT = 'ELDEL'
VALID = 0x07 # Bell
VALID = 0x09 # Horizontal Tab
```

```

VALID = 0x0B   # Vertical Tab
VALID = 0x0C   # Form Feed
VALID = 0x1C   # File Separator
VALID = 0x1D   # Group Separator
VALID = 0x1E   # Record Separator
VALID = 0x1F   # Unit Separator
VALID = 0x5E
VALID = '!'
VALID = '"'
VALID = '%'
VALID = '&'
VALID = 0x27   # Single Quote
VALID = '('
VALID = ')'
VALID = '*'
VALID = ','
VALID = '-'
VALID = '.'
VALID = '/'
VALID = ':'
VALID = ';'
VALID = '<'
VALID = '='
VALID = '>'
VALID = '?'
VALID = '@'
VALID = '['
VALID = '\'
VALID = ']'
VALID = '_'
VALID = '`'
VALID = '{'
VALID = '|'
VALID = '}'
VALID = '~'
VALID = 0xE5

# -- Composite Delimiter Restrictions
ELEMENT = 'SUBELDEL'
VALID = 0x07   # Bell
...

```

## The ECXpert Parser Trace File (*parser.trace*)

The ECXpert trace file is a text file that the ECXpert Dispatcher can use to write tracing information to as the ECXpert Parser parses:

- **File Location**—*/tmp/parser.trace* is the default location after ECXpert installation.

- ***ecx.ini* File Location Parameter**—[parse] section, traceFile parameter controls the name and location of this file.
- ***ecx.ini* File Enabling Parameter**—[parse] section, traceLevel parameter setting determines whether Parser tracing is enabled or disabled, and the detail level of tracing that is enabled:
  - **traceLevel = 0**—Parser tracing is disabled
  - **traceLevel = 1**—Parser tracing is enabled at the least detail level
  - **traceLevel = 2**—Parser tracing is enabled at a medium detail level
  - **traceLevel = 3**—Parser tracing is enabled at the most detail level

**Warning** The Parser trace file must *only* be used for debugging. You should *never* set the [parse] section, traceLevel parameter set to 1, 2, or 3, in a production environment.

## Sample Partial Listings of *parser.trace* File

**Trace set to level 1** (*ecx.ini* file [parse] section, traceLevel = 1)—this provides the *least* detail.

```
ECXpert System Parse Service Trace Log. Version 0.9.
  Trace Log created 1999-06-08 16:49:16.493

Parse Start: 1999-06-08 16:49:17.847
Parse   End: 1999-06-08 16:49:19.221
```

**Trace set to level 2** (*ecx.ini* file [parse] section, traceLevel = 2)—this provides *medium* detail.

```
ECXpert System Parse Service Trace Log. Version 0.9.
  Trace Log created 1999-06-08 16:49:16.493

Parse Start: 1999-06-08 16:49:17.847
  ECXPISAParser: Checking for possible ISA segment at offset 0
    ECXPISASegment: Validating ISA segment
    ECXPISASegment: ELDEL '*' - Passed
    ECXPISASegment: SUBELDEL '>' - Passed
    ECXPISASegment: SEGTERM '
' - Passed
    ECXPISASegment: ISA01 '00' - Passed
    ECXPISASegment: ISA02 '      ' - Passed
    ECXPISASegment: ISA03 '00' - Passed
    ECXPISASegment: ISA04 '      ' - Passed
    ECXPISASegment: ISA05 '12' - Passed
    ECXPISASegment: ISA06 '6509375866      ' - Passed
```



```

ECXPISASegment: ISA07 '12' - Passed
ECXPISASegment: ISA08 '6503490224' - Passed
ECXPISASegment: ISA09 '951003' - Passed
ECXPISASegment: ISA10 '1334' - Passed
ECXPISASegment: ISA11 'U' - Passed
ECXPISASegment: ISA12 '00302' - Passed
ECXPISASegment: ISA13 '000005641' - Passed
ECXPISASegment: ISA14 '0' - Passed
ECXPISASegment: ISA15 'P' - Passed
ECXPISAParser: Valid ISA segment parsed at offset 0
ECXPISAParser: Extracted segment ID: 'GS' at offset 107
ECXPISAParser: Parsing GS segment
  ECXPGSSegment: Validating GS segment
    ECXPGSSegment: GS01 'PO' - Passed
    ECXPGSSegment: GS02 '5012738712' - Passed
    ECXPGSSegment: GS03 '036900' - Passed
    ECXPGSSegment: GS04 '951003' - Passed
    ECXPGSSegment: GS05 '1334' - Passed
    ECXPGSSegment: GS06 '6056' - Passed
    ECXPGSSegment: GS07 'X' - Passed
    ECXPGSSegment: GS08 '002003GM' - Passed
  ECXPISAParser: Valid GS segment parsed at offset 107

```

**Trace set to level 3** (*ecx.ini* file [parse] section, traceLevel = 1)—this provides the *most* detail (byte-by-byte trace).

```

ECXpert System Parse Service Trace Log. Version 0.9.
  Trace Log created 1999-06-08 16:49:16.493

```

```

Parse Start: 1999-06-08 16:49:17.847
  ECXParser: Memory Mapping input file >>>/export4/ecx3.0spl/
actraadm/NS-apps/ECXpert/data/work/trk/trk277<<<
  ECXParser: Input file size is 5354
  ECXParser: Memory map size from 0 to 5354
  ECXPISAParser: Checking for possible ISA segment at offset 0
    ECXParser: Read byte 'I' - (0x49) at offset 0
    ECXParser: Read byte 'S' - (0x53) at offset 1
    ECXParser: Read byte 'A' - (0x41) at offset 2
    ECXParser: Read byte '*' - (0x2A) at offset 3
    ECXParser: Read byte '0' - (0x30) at offset 4
    ECXParser: Read byte '0' - (0x30) at offset 5
    ECXParser: Read byte '*' - (0x2A) at offset 6
    ECXParser: Read byte ' ' - (0x20) at offset 7
    ECXParser: Read byte ' ' - (0x20) at offset 8
    ECXParser: Read byte ' ' - (0x20) at offset 9
    ECXParser: Read byte ' ' - (0x20) at offset 10
  ...
    ECXParser: Read byte '?' - (0x0D) at offset 105
    ECXParser: Read byte '?' - (0x0A) at offset 106
  ECXPISASegment: Validating ISA segment
    ECXPISASegment: ELDEL '*' - Passed
    ECXPISASegment: SUBELDEL '>' - Passed

```

```

ECXPISASegment: SEGTERM '
' - Passed
ECXPISASegment: ISA01 '00' - Passed
ECXPISASegment: ISA02 ' ' - Passed
ECXPISASegment: ISA03 '00' - Passed
ECXPISASegment: ISA04 ' ' - Passed
ECXPISASegment: ISA05 '12' - Passed
ECXPISASegment: ISA06 '6509375866 ' - Passed
ECXPISASegment: ISA07 '12' - Passed
ECXPISASegment: ISA08 '6503490224 ' - Passed
ECXPISASegment: ISA09 '951003' - Passed
ECXPISASegment: ISA10 '1334' - Passed
ECXPISASegment: ISA11 'U' - Passed
ECXPISASegment: ISA12 '00302' - Passed
ECXPISASegment: ISA13 '000005641' - Passed
ECXPISASegment: ISA14 '0' - Passed
ECXPISASegment: ISA15 'P' - Passed
ECXPISAParser: Valid ISA segment parsed at offset 0
  ECXParserReader: Read byte 'G' - (0x47) at offset 107
  ECXParserReader: Read byte 'S' - (0x53) at offset 108
  ECXParserReader: Read byte '*' - (0x2A) at offset 109
  ECXParserReader: Read byte 'P' - (0x50) at offset 110
  ECXParserReader: Read byte 'O' - (0x4F) at offset 111
  ECXParserReader: Read byte '*' - (0x2A) at offset 112
  ECXParserReader: Read byte '5' - (0x35) at offset 113
  ECXParserReader: Read byte '0' - (0x30) at offset 114
  ECXParserReader: Read byte '1' - (0x31) at offset 115
  ECXParserReader: Read byte '2' - (0x32) at offset 116

```

## *Note on Using Sendmail with ECXpert 3.0*

If you plan to use Sendmail with ECXpert 3.0, you must use the touch command to make sure the mail file can be read/written to. For example:

```
# touch /var/mail actraadm
```

where actraadm is the userid of your ECXpert Administrative user.

**Important:** Make sure that the ECXpert Administrative user is part of the "mail" group, so that the ECXpert Administrative user can send and receive mail.

# Contacting Technical Support

Should you need to contact Netscape Technical Support, you will need to know the correct version number of your current copy of Netscape ECXpert. Netscape ECXpert Version 2.0 updates the version number in the **About** message box.

To find the correct Netscape ECXpert version number after you install ECXpert 2.0:

1. Start your browser.
2. Enter the URL of the Netscape ECXpert **Main Menu** screen.
3. Click the **Support** page tab. A login screen appears.
4. You do not need to log in. Simply click the **About** button, and a message box appears, displaying the correct version number.

## Example

For example, the message box below shows version information for a domestic copy of Netscape ECXpert Version 3.0 installed.



**For additional information**, refer to the latest version of the *Netscape ECXpert Release Note* and answers to frequently asked questions (FAQs), available at:

<http://help.netscape.com/products/apps/ecxpert/>

**To contact ECXpert Technical Support in the United States**, call Expert Alliance at:

800-560-5749

**To contact ECXpert Technical Support outside of the United States**, call Technical Support International at:

650-937-6688

