SEE/Change

PE Notes 4.5100

(Version 4.5100)



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Thenon – designers of SEE/Change, the leading iSeries change management product.

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2 **Primary PE Enhancements**

2.1 Enhanced Plug-in for WDSc

The SEE/Change plug-in for WDSc has been improved to enhance the user experience and offer increased usability. The following sections describe the enhancements that have been made.

2.1.1 SEE/Change Table View

The table viewer has been enhanced to allow multiple dataset views to coexist. Previously this was limited to showing only one view at a time. For instance, if a source register was being displayed and "Show in Table" was selected against a message file, the source register information would be replaced with the message file's message descriptions.

Now, each time a "Show in Table" option is selected, a new tab is opened within the table viewer for the requested dataset. Each tab persists until explicitly closed or until the parent entity that owns the data is removed from the tree view. For instance, if message descriptions are being viewed in the table viewer and the message file is subsequently deleted from the CR, then the tab will be closed automatically.

Many of the table views available are equivalent of tree view data. For instance, the source register is available in both views. In fact, these are alternative perspectives of the same underlying data. Therefore, as the model changes, both views change in sympathy.

The table view now offers user specified sequencing as well. Clicking a table view column heading will cause the data to be sorted by that column and redisplayed.

Also, each time a new table tab is launched, a filter dialog is presented. Here it is possible to specify applicable filtering information. However, it is not possible to revise the filter once the table data has been loaded. Instead it is necessary to open a new tab and specify the new filter for that instance.

2.1.2 CR table view

It is now possible to view CR library parts in the table viewer. To do this right click the CR in the tree view and select "Show in Table". Once the new table view tab has been opened parts may be right clicked to reveal a list of available functions, just as they are when selected on the tree view. The CR table view and tree view are functionally equivalent in every respect except for stream files support. Due to being organised in a hierarchical structure, stream files are only supported from the tree view.

2.1.3 Double Click Actions

SEE/Change plug-in for WDSc has been enhanced to support intuitive double click actions for CR parts. Now, when a part is double clicked, the default editor for the selected part is launched and it is then opened for edit, if launched from a CR, or view, if launched from a register.

The support has been introduced for library parts and stream files alike.

2.1.4 Multiple Library Object Operations

It is now possible to start a batch operation on multiple CR library parts at a time. To do this select more than one part and right click within the confines of the selection list. A context menu will offer options to Create, Delete or Transfer the selected parts.

The following points are noteworthy when using multi-object functions.

- When creating, items that do not have an applicable create command, such as data areas and binding directories, are ignored.
- SEE/Change knows whether to compile an existing ILE source as a module or a bound program based on what has been done previously. However, for a new ILE source that has never previously been compiled, SEE/Change assumes that you wish this to be compiled as a module. If this is not the case, ensure that you compile the source at least once as a bound program before including it in a multi-part create operation.
- When modules are included in the list of objects, they are updated to all the programs in the CR to which they are bound.
- Create statements are executed in a pre-determined processing sequence. For instance PF's before LF's. This is the same sequence as SEE/Change uses to deliver the parts when promoting the CR.
- The client instructs the server to carry out multi-part operations by constructing an execution string (i.e. a command) for the server to run. There is a limit to the execution string length and also to the number of parts that can be included in it. The limitations are 2048 bytes and 300 parts respectively. In practical terms this makes it possible to perform multi-part operations on well over a hundred parts at a time, although the exact number will depend on the part names, types and attributes being included in the list. When the limit is exceeded, the client refuses to submit the command to the server for processing. If multi-part operations are required for more parts than can be accommodated within the limitations set out above, it will be necessary to break the list into a number of smaller lists and submit the multi-part operation for each in turn.
- When transferring multiple parts to another CR, a wizard page is presented to request the target CR.

2.1.5 Compilation with Open Source Member

It is now possible to compile a source member whilst remaining open for edit. Since the process of compiling a source member also documents the source, if so configured, SEE/Change has previously been unable to do this. This is because it has considered a lock against the source member to be an error condition and consequently aborted processing before carrying out the compile. Accordingly the compilation process has been changed.

At the client, the save operation is intercepted and now executes the documentation process in-line i.e.

- User requests save operation (click save or closes member and requests to save changes)
- Changes are saved
- Lock on source member at server is released
- Documentation is applied (DOCCRSRC is run)
- If not closing, lock is regained at server

The source is not refreshed at the client at the end of the process. Consequently the documentation that has been applied at the server is not apparent at the client. It does not matter whether or not further changes are made to the source. If the member is closed without further changes, the server version remains the current, correct version, with its most recently documentation marks intact. If the member is changed, then a further save operation is mandatory and the process is repeated.

At the server, the Document CR Source (DOCCRSRC) command has been changed to no longer abort compilation if it encounters a locked source member. Instead, a warning message is issued, although this will not be apparent unless inspecting the job log.

2.1.6 Support for Outline View (Dynamic Library List Support)

The LPEX editor's outline view is now fully supported. Previously this was not the case insofar as prototyped procedures were not fully resolved when the view was refreshed.

When a source member is opened for edit, or the LPEX editor's focus is moved from one source member to another, SEE/Change now seamlessly changes the server job's library list to being that of the CR to which the source gaining focus belongs. As a consequence the outline view will always work, even when concurrently editing source members from completely unrelated applications.

2.1.7 Other miscellaneous Enhancements

A number of other smaller enhancements have also been made in this release, as follows:

2.1.7.1 Review of Icons and Decorators

Icons and decorators are widely used in the workbench to denote object and entity types. For instance, the **I** icon is used to denote a CR.

Decorators are icon overlays and are used to indicate unusual or erroneous characteristics. For instance the
decorator is used to overlay the CR icon to denote that the CR library does not exist or is unavailable.

A general review to the use of icons and decorators has been carried out to improve the overall usability of the workbench.

2.1.7.2 Editing of Message Files

Message files can no longer be expanded in the tree view. To work with message descriptions use the "Show in Table" option, available by right clicking the message file.

2.1.7.3 Spool File Viewer

The Spool File Viewer feature has been changed to use a table viewer, like that now used in the main SEE/Change plug-in, enabling column sorting and uniformity of functionality.

2.1.8 Known issues, platform stability and version compatibility

The Eclipse framework on which WDSc is built, and WDSc itself, are evolving technologies that are the subject of considerable ongoing development and improvement effort. The implication is a high degree of change as new releases become available. This can lead to sudden instability of functionality in dependent plug-in software when untested versions are paired.

The development and testing process at Thenon can, and often does, highlight shortcomings in the workbench. This can change on a releaseby-release basis and to this end Thenon actively participate in topical forums and work closely with IBM. However, in the interests of making a stable version available for general release, our development and testing process seeks to fix on one particular release of the workbench, and recommend that clients only use this combination of versions in their production environment.

This approach serves to provide a supportable environment in which there will be a limited but known number of issues. We shall be aware of what these are and what provisions have been made in our code to avoid or circumvent the problem, or what procedural work round may be employed. This situation is compromised when non-recommended versions of software are paired. We therefore recommend not to use combinations other than those listed below. However, if this is unavoidable, then a cycle of rigorous testing is recommended before deploying to your production environment, leaving time enough for a support dialogue with Thenon in the event of problems being identified.

2.1.8.1 SEE/Change Plug-in for WDSc Compatibility Chart

The recommended version pairings at this release are as follows:

SEE/Change Server	WDSc	Version
Version	5.1.2.6	6.0.1.2
4.5000	1.0.7	U/C
4.5001	1.0.7	U/C
4.5002	1.0.7	U/C
4.5003	1.1.4	1.1.9601
4.5004	1.1.4	1.1.9601
4.5005	1.1.4	1.1.9601
4.5100	U/C	1.2.0

SEE/Change Plug-in for WDSc Compatibility

U/C: Unsupported Combination

2.1.8.2 Special note for WDSc 6.0.1.2.

Please note that when using release 6.0.1.2, this refers to 6.0.1 *plus* the 6.0.1 refresh pack *plus* interim fix number 1 *plus* interim fix number 2.

2.1.8.3 Known Problem with 6.0.1 Releases.

There are a number of known circumstances in which plug-in software, including Thenon's SEE/Change plug-in for WDSc, will become unstable. This includes, although is not limited to, loading interim fix number 2 *after* installing the plug-in software. Symptoms typically result in unexpected and unpredictable Java exceptions occurring.

The fix detailed here applies to releases up to and including interim fix number 2. At the time of writing interim fix number 3 has not been released, and so it is not possible to say whether this fix will be necessary or effective if problems persist after applying the new release.

To overcome such problems proceed as follows, however, please be aware that executing this procedure will destroy the workspace.

- End the workbench.
- Delete the following subdirectories in their entirety:

C:\Program Files\IBM\Rational\SDP\6.0\eclipse\configuration\org.eclipse.osgi C:\Program Files\IBM\Rational\SDP\6.0\eclipse\configuration\org.eclipse.update

 Restart the workbench. It is normal for this to take longer than usual because the workbench is initialising a new workspace.

2.2 E-mail Authorisation Requests.

SEE/Change has been enhanced to enable the sending of requests for movement authorisations by e-mail. The new functionality has been implemented through the additional of a new exit program, O#TALEXT.

A readily working version of O#TALEXT has been provided in SEE/Change's objects library (usually OMSOBJ). This makes use of the IBM Send Distribution (SNDDST) command and so, to use the provided exit program successfully, your system must be configured to send emails using a command like the one below.

```
SNDDST TYPE(*LMSG) TOINTNET((user@company.com)) DSTD('Test
Message Subject') LONGMSG('Test Message Body')
```

At runtime, SEE/Change substitutes *user@company.com* with the authorisation list user's SMTP name associated to their directory entry.

To enable the new functionality, enter the following command.

RNMOBJ OMSOBJ/O#TALEXT01 *PGM O#TALEXT

Authorisation list users will now receive authorisation request e-mails like the one below.

```
From: Edward Shands
To: Lorraine Toots
Subject: SEE/Change movement authorisation request.
TOOTSL,
Authorisation is requested for the movement to *ACP of:
CR 706731/29 (Shipping Calculation as per RFC LK:14587)
in application EIE (Enterprise International ERP)
on system DEV (Development).
This message was electronically generated by SEE/Change at 23/10/06 16:37:30.
```

The source for O#TALEXT has been included so that the mail may be customised or a method other than SNDDST can be used. It is in QRPGLESRC in the SEE/Change objects library and, as supplied, is compiled as a simple bound program.

2.3 List Change Requests (LSTCHGRQS) enhancements.

Since the List Change Requests (LSTCHGRQS) report was first introduced, SEE/Change has been enhanced considerably. In particular, the addition of cross-referencing and stream file support mean that this report no longer offers a full representation of what has been affected as a result of a promotion. LSTCHGRQS has therefore been enhanced to address these evolutionary shortcomings as detailed below.

- Ability to include stream files.
- Ability to include cross-referenced parts (including ILE rebinds).
- Ability to save a report definition so that it can be run from the scheduler.
- Ability to have report run for dynamically calculated periods of time.

The following sections describe the new functionality in more detail.

2.3.1 Inclusion of Stream Files and Cross Reference parts

Three new report types have been added to support the additional listing of stream files and / or cross-referenced parts that are changed, recompiled or, for ILE, rebound as a result of the CR being promoted. The screen below shows the options that are now available with the new ones being shaded.

THENON Change Manage	ment System 4.5100
CR Listing Selec	tion Criteria
Report Type .(P). <u>*SUMM</u>	CR Originating System .(P). <u>D43</u>
Enter the selection criteria. Then press	Enter.
Item Description Exp Value	*AND/*OR Exp Value
IR Number/CR Seq . <u>*GE</u> /	<u>*AND</u> <u>*LE</u> /
IR User Reference. <u>*CT</u>	*OR *CT
CR Type(P). *CT	*OR *CT
CR Priority .(P). *	· · · · · · · · · · · · · · · · · · ·
CR Status (P) . * : CR report type :	mnemonics :
CR Status Date <u>*</u> : _ *ALL As *	FULL plus XRef Objs & stream files :
OR current date . <u>*</u> : <u>*</u> FULL CR d	ata, full text, list of CR objects :
CR Text <u>*</u> : <u>*</u> PTXT CR d	ata, partial text – 3 CRs per page :
CR Application(P). <u>*</u> : <u>*</u> STMF As *	FULL plus stream files :
IR System (P) . * : _ *SUMM Summ	ary of CR data – 1 CR per line :
IR Site (P) . <u>*</u> : <u>*XREF</u> As *	FULL plus XRef Objects :
IR Mdl/Function . <u>*</u> :	:
CR User <u>*</u> :	:
CR Contact <u>*</u> :	:
CR Release No <u>*</u> :	Bottom :
: Any char to sele	ct, F1=Help F12=Cancel :
F1=Help F3=Exit F4 :	:

Appendix A shows an example LSTCHGRQS report that has been run with the *ALL option for a CR having both library objects and stream files and causing cross-reference recompiles.

2.3.2 Current Date Option

It is now possible to run a LSTCHGRQS report for a date or range of dates relative to the current date. To this complete the current date parameters instead of explicitly specifying a status date or range or dates, as shown in the screen print below:

		THENON Change Management CR Listing Selection	System 4 Criteria	4.5100 a
F	Report Type .(P).	*SUMM	CR Orig	ginating System .(P). <u>D43</u>
	Conter the selection Item Description R Number/CR Seq . R User Reference. R Type . (P). CR Priority (P). CR Status Date . OR current date . OR current date . CR Application(P). R System . (P). R Site . (P). R Mdl/Function . R User .	*GE / *CT / *CT / *CT / *GE / *GE / *GE / *GE / *GE / *EQ /	r. AND/*OR *OR *OR *AND *OR *AND *OR *AND *OR *OR *OR *OR *OR *OR *OR *OR	Exp Value *LE /
C	TR Release No	<u>*GE</u> F4=Prompt F9=Cmd F12=Canc	*AND el F16=	*LE

In the example above, the report will run for the last seven days, ending yesterday.

To enable reliable scheduling the *Job Date* is used as the basis date from which to calculate relative past dates.

2.3.3 Saving Report Definitions

It is now possible to save LSTCHGRQS report definitions so that they may be run at a later date. To do this complete the required criteria in the regular LSTCHGRQS display, using the new *current date* options if required, and select *F16=Save Report*. A display like the one below is presented:

THENON Change Management CR Listing Selection	System 4.5100 Criteria
Report Type .(P). <u>*SUMM</u>	CR Originating System .(P). $\underline{D43}$
Ent : Save Report	:
Ite : IR : Enter details, press Enter IR : CR : Name CR : Description CR : F3=Exit F12=Previous OR : CR : CR :	
CR	*OR *EQ

Complete the pop-up window with a report name and description and press <Enter> to save the report. Note that the report name must observe object naming rules.

2.3.4 Running Saved Reports

The List Change Requests (LSTCHGRQS) command has been enhanced to accept a report name as a parameter, as shown below:



When the default value of *NONE is specified, the List Change Requests selection criteria screen is displayed.

When the name of a previously saved report is specified, LSTCHGRQS will assume to run that report. If running interactively the user is prompted with SEE/Change standard submit job pop-up.

2.3.5 Viewing and Deleting Saved Report Formats

A new command has been introduced that allows saved CR's reports to be viewed and deleted. The command is Work with saved CR Reports (WRKCRRPTS) and can be run from the command line or is accessible from the audit manager menu.

SEEAUD	SEE/Change Audit Manager		
Select one of the follow:	ing:	System:	THENON
1. Display Object H	istory		
11. List Investigation 12. List Change Reque	on Requests ests		
20. Work with Saved (CR Reports		
21. Display Statistic 22. Update Statistic	cs s		
60. More Audit Manage 61. User Defined Opt:	er Options ions		
Selection or command ===>			
F3=Exit F4=Prompt F9= F13=Information Assistant	=Retrieve F12=Cancel t F16=AS/400 main menu		

When called, a display similar to the one below is presented.

THENON Change Management System 4.5100 Work with CR Report Definitions	
Type options, press Enter. 4=Delete 5=Display 9=Run Report	
Opt Report Name Description	
READYRLS All CR's at Ready/Rls	
_ WEEKLILLIVE WEEKLY CK'S FIOMOLEU LO LIVE	
	Bottom
F3=Exit F5=Refresh F9=Command F12=Previous	

Option 4 allows a report to be deleted.

Option 5 displays the formatted OPNQRYF statement that will be used at run time to determine the report content.

Option 9 allows the user to run the report. When selected the user is prompted with SEE/Change's standard job submission pop-up.

3 Software Performance Reports

The following Table lists software performance reports that have been resolved in this PE.

SPR Log Number	Description
5329	Level check due to cross referencing deleting program
5327	UPDNSOREG does not load MSGD's into XMI
5323	Performance issue in O#150A (cross referencing)
5321	MCH1210 hard error in O#680 (UPDNSOREG)
5320	CPF9810 (blank library) in O#860 (UPDNSOREG)
5317	DMS THNNETF fails on German language system
5314	OMS440 reporting oddity after abnormally ended MOVCR job
5313	Bug corrupts source pool configuration in app cfg (WRKAPPCFG)
5308	Cross reference recompile to *MDL on move to *LIV
5307	REFXREF E05 error for SQL sources
5306	Cross referencing fails for ILE site/group parts after take on
5305	System / site limit in WRKAPPCFG where used panel
5304	OME3182 reported in error on movement request
5301	*CONFIG ignored/overwritten in WRKAPPOVR
5299	To-file not found in RCVRLS for PE 4.5005
5297	SNDCR parameter PROMOTE should be *NO by default
5295	WRKUSRAUT missed files when deleting a user
5294	SEE/Change template LF's missing authority templates
5267	Source changes lost in WDSc edit session
5258	CRTOBJTYP fails for types having a blank attribute
5253	REFXREF reports E10 Error in compile command
5251	RNQ0121 array index error in O#735 (PCKALLARC)
5245	OME5132: Internal error in folder registration (REGFLDR)
5243	Mark delete directory destroys content
5239	Err/Live due to no LF source in production work (O#) library
5238	Delete/Rename O# source For *CPYREF & *MEMO object types
5233	Source changes lost after second open for edit in WDSc
5227	No default action on double click of stream file part
5214	Blank retrieval wizard after 6.0.1.0 plus refresh pack
5205	Disconnect in [WDSc] V6 results in Java errors
5110	Transfer part fails following IMPORTLIB scenario

4 Installation

4.1 Warnings

To ensure a successful upgrade please use the SEE/Change upgrade guide. This comprehensive guide is available from the Thenon web site download area or from the support line.

Steps must be taken to preserve any customised code especially if upgrading by reinstalling the product libraries and running a conversion.

4.2 Dependencies

- Must be applied after 4.5000. May be applied to systems on 4.5001, 4.5002, 4.5003, 4.5004 or 4.5005.
- For i5/OS version V5R2M0 or higher.
- Must be applied to all remote sites? See compatibility chart.

5 SEE/Change Compatibility Chart

SEE/Change Release Compatibility Chart

							D	evelopme	nt					
		4.4300	4.4301	4.4302	4.4303	4.4304	4.4305	4.5000	4.5001	4.5002	4.5003	4.5004	4.5005	4.5100
	4.4300	Yes	1,2,3,4	1,2,3,4	1,2,3,4	1,2,3,4	1,2,3,4,5	1,2,3,4,5	1,2,3,4,5,6	1,2,3,4,5,6	1,2,3,4,5,6,7	1,2,3,4,5,6,7	1,2,3,4,5,6,7,8	U/C
	4.4301	No	Yes	Yes	Yes	Yes	5	5	5,6	5,6	5,6,7	5,6,7	5,6,7,8	U/C
	4.4302	No	No	Yes	Yes	Yes	5	5	5,6	5,6	5,6,7	5,6,7	5,6,7,8	U/C
-	4.4303	No	No	No	Yes	Yes	5	5	5,6	5,6	5,6,7	5,6,7	5,6,7,8	U/C
ō	4.4304	No	No	No	No	Yes	5	5	5,6	5,6	5,6,7	5,6,7	5,6,7,8	U/C
Ë	4.4305	No	No	No	No	No	Yes	Yes	Yes	6	6,7	6,7	6,7,8	U/C
ň	4.5000	No	No	No	No	No	No	Yes	Yes	6	6,7	6,7	6,7,8	6,7,8
R	4.5001	No	No	No	No	No	No	No	Yes	6	6,7	6,7	6,7,8	6,7,8
ž	4.5002	No	No	No	No	No	No	No	No	Yes	7	7	7,8	7,8
-	4.5003	No	No	No	No	No	No	No	No	No	Yes	Yes	8	8
	4.5004	No	No	No	No	No	No	No	No	No	No	Yes	8	8
	4.5005	No	No	No	No	No	No	No	No	No	No	No	Yes	Yes
	4.5100	No	No	No	No	No	No	No	No	No	No	No	No	Yes

<u>Notes</u>	Minimum i5/C	S Levels
Note 1: Yes, unless using DDMF object type.	4.4300	V5R1
Note 2: Yes, unless using trigger processing (file trigger support or trigger program realignment support for triggers	4.4301	V5R1
in acceptance test systems on production machines)	4.4302	V5R1
Note 3: Yes, unless using "Keep Members" override flag	4.4303	V5R1
Note 4: Yes, unless using Cross Referencing over site and group configurations	4.4304	V5R1
Note 5: Yes, unless using Release Forwarding	4.4305	V5R1
Note 6: Yes, unless wishing to use the new file attribute support or the new ILE remote delivery mechanism	4.5000	V5R1 or V5R2 if using WDSc plug-in
Note 7: Yes, unless wishing to use stream file support distribution	4.5001	V5R1 or V5R2 if using WDSc plug-in
Note 8: Yes, however CHGPF will revert to compile or duplicate on production machine	4.5002	V5R1 or V5R2 if using WDSc plug-in
U/C: Unsupported Combination	4.5003	V5R1 or V5R2 if using WDSc plug-in
	4.5004	V5R2
	4.5005	V5R2
	4.5100	V5R2

Disclaimer: Every effort has been made to ensure accuracy however we cannot take responsibility for any errors caused by using this information

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LSTCHGRQS	THEN	ION			SEE/Char Cl	nge Change Management S nange Requests Listing	System 4.510	0		24	1/10/06		Page: 2
CR Number :	: D43/001030/	01	Autumn We	b Review					mont Notos	are listed belo	1.1		
								I Deverop	ment Notes a	are traced perc	,		
IR Text :	: Autumn Web	Review	I										
User Reference:	:		ĺ					Ì					
CR Contact/Ref:	: Jonny Frank	lin	I					1					
IR Category . :	*SOFT		I					1					
CR Type :	*NEW							1					
CR Application:	: WEB		I					1					
IR System :	: DEV		1										
IR Site :	: CHQ												
IR Mdl/Functn :	:		1					1					
IR Job details:	: //												
OSer Priority:	*HIGH		1					1					
Origintd Date :	• 24/10/06		1					1					
Reported Date .	24/10/06	Time : 15.19.52	1					1					
Required Date :	: 00/00/00	1100 . 10.10.02	1					1					
Assigned User :	PAUL		I										
Release Number:	: 00419												
CR Status :	*LIV		I					L					
CR Status Date:	: 24/10/06		I					L					
Object Name	Object Type	Object Atr. Src Ty	yp Qual	Object Text			Rtv Type	Rtv Date	Rtv Time	Rtv from Src	Rtv from Lib	Version	Frz org mbr
	 *דידי	DE *DVG		Soft coded web driv			*CUC	24/10/06	15.55.1/		1// 3DB016BC	002	
WEDDRIVE	*DCM	DDCTE *DAG		Data Sorvor	ver		*CHC	24/10/00	15.55.54	QDD35RC	VASDBUISKC	002	
WEB0900R	*PCM	RPCLE SRC *BAS		Data Server			*CHG	24/10/00	15.55.21	ORPGLESEC	V43DB019BC	002	
					Cross	Reference Recompiles				QI(I GIBBBI(C			
Object	Name Object I	Ype Object Atr. Sro	c Typ Qual	Object Text									
WEDDDTU				Nob Driver by Co	etiport / C								
WEBDRIV	VEDI FIDE VET.2 *FTLE	T.F. *I	222	Web Driver by Ve	rtical Mark	5411C1 y							
WEBDIQ V	DB *PGM	BPGLE SBC *	BAS	Oueue build reque	osts								
WEB0770)R *PGM	BPGLE SBC *	BAS	Execute Build Rec	mests								
WEB000F	R *PGM	RPGLE SRC *1	BAS	Authorisations	440000								
						- ILE Rebinds							
	Mo	odule Src Typ Qua	al	Program	Src Typ	Qual							
Pohound	d module • •	פאסא אסאפי	into r~	001.5m • MEBUUU0	*¤л¢								
Rebound	d module · WE	B0700R *BAS	into pr	ogram · WEB0700R	*BAS								
Rebound	d module : WF	B0770R *BAS	into pr	cogram : WEB0700R	*BAS								
			PI										
Stream	File Objects										Rtv T	ype	
//THENC	ON/web_live/Eur	cope/cgi-bin/file_upda	ate.pl								*CH0	3	
//THENC	ON/web_live/Eur	cope/cgi-bin/prod_upda	ate.pl								*CH0	G	
//THENC	ON/web_live/Eur	cope/cgi-bin/user_calo	c.pl								*CH0	G	
//THENC	ON/web_live/Eur	ope/public_html/compa	any.htm								*CHO	3	
//THENC	ON/web_live/Eur	ope/public_html/conta	act.htm								*CHO	G	
//THENC	ON/web_live/Eur	ope/public_html/demo	.htm								*CH0	G	
//THENC	ON/web_live/Eur	ope/public_html/down	load.htm								*CHO	3	
//THENC	ON/web_live/Eur	cope/public_html/index	k.html								*CHO	G	
Number of Chang	ge Kequests pri	nted: 1											
END OF R	керокт	24/10/06 16:27	:06										

Appendix A Example List Change Requests Report Format