

ECompD

V03.01.A.201120

Logiciel de comparaison en environnement Windows

FLOW GENERAL

ETAPES MINIMALES ET SUFFISANTES

Définir les objets Alpha et Omega

The 'OBJECTS' window contains two rows of configuration. At the top, there are two buttons: 'PlatForm' and 'Sample'. Below these, the first row is for 'ALPHA', with a dropdown menu set to 'NT' and an empty text input field. The second row is for 'OMEGA', also with a dropdown menu set to 'NT' and an empty text input field.

Définir la structure Alpha (et Omega)

The 'STRUCTURES' window has a similar layout to the 'OBJECTS' window. It features 'PlatForm' and 'Sample' buttons at the top. The 'ALPHA' row has a dropdown menu set to 'NT' and an empty text input field. The 'OMEGA' row also has a dropdown menu set to 'NT' and an empty text input field.

Définir le nom du Projet et le fichier des critères

The 'SAVE FOR BATCH PROCESS' window contains three rows of configuration. The first row has a 'SAVE IN' button and a text input field containing 'F:\ECOMPD'. The second row has a 'FOR PROJECT' button and an empty text input field. The third row has a 'CRITERIA FILE' button, an empty text input field, and an 'Update' button to its right.

Start Preparation

ECompD	Alpha	Omega	Criteria	Conditions	Options	Outputs	Reporting	Batch Process	Set Up		
Default Criteria			P	Block Info	Key Info	<input type="checkbox"/> Redress Case (RC) <input type="checkbox"/> Simplification Date-Time (SD)		<input type="checkbox"/> Trim Text field (TR) <input type="checkbox"/> Suppress Leading 0 (LZ)			
						<input type="checkbox"/> Skip Duplicate on record (SDR) <input type="checkbox"/> Simplification Amount (SA)					
Action	Cri	Key	Order	Ori	Lvl	Field	Type	Length	From	To	Type
▶				B	03	SEC_ID	CHAR	6	1	6	CHAR
				B	03	EOC_RUN_DT	DATE	35	7	41	DATE
				B	03	SEC_QUO_SCE_TYP_CD	CHAR	4	42	45	CHAR
				B	03	SEC_QUO_RT	DECIMAL	35	46	80	DECIMAL
				B	03	LST_QUO_DT	DATE	35	81	115	DATE

Sélectionner la clé de matching et la séquence de présentation des enregistrements

Soumettre

Start Comparison

ECompD Reporting

by Evola Software

Project	Scenario
NTXT	NTXT

Date : 13 novembre 2018 04:51:49	ECompD run : 1	Title :
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	Summary	Only Alpha	Differences	Only Omega	Diff Values
Criteria TXT.TXT Alpha alpha2.txt Omega omega2.txt	<u>S</u>	<u>A</u> ¹	<u>D</u> ¹	<u>O</u> ¹	<u>V</u>

Examen des résultats

DESCRIPTION PLUS DETAILLEE

Ecran d'accueil qui donne l'information sur les différents onglets utilisés dans le processus de comparaison.

The screenshot shows the ECompD software interface. The title bar reads "ECompD V03.01.A.201120 Evola Software". The main window has a menu bar with the following tabs: ECompD, Alpha, Omega, Criteria, Conditions, Options, Outputs, Reporting, Batch Process, and Set Up. The "ECompD" tab is selected. The main content area displays a "Welcome to ECompD ©" message with the version "V03.01.A.201120" in the top right corner. Below the welcome message, there are several sections, each with a sub-heading and a description of the corresponding tab's function:

- Run ECompD**
 - Alpha Omega**: Define objects to compare and structures used
 - Criteria**: Give Key, Order by, any action applied on a field, on date, on time, on timestamp
 - Conditions**: Define Where Clause, Equivalence, Mutations, Tolerances, specific code, ...
 - Options**: Give general options for the compare, mail at end, comments, limitations, ...
 - Outputs**: Give information for output, re-creations, list parameters, ...
- Reporting**
 - Reports**: Manage Reports : edit, save, store
- Batch Process**
 - Batch**: Processing of batch ECompD : Projects, Tasks, Scenario, Exe
- Parameters**
 - Set Up**: General info for the use of ECompD

At the bottom of the window, there are two buttons: "Evola Software" on the left and "www.evola.be" on the right.

Définir les objets à comparer et les structures utilisées.

Entrer ces références dans les "textbox » ou ouvrir le dialogue de fichiers en cliquant sur le label "ALPHA" et "OMEGA".

Définir le projet où seront enregistrées les données (également aux fins de rejouer les comparaisons).

Définir le fichier des critères qui contient tous les paramètres pour exécuter la comparaison.

The screenshot shows the ECompD software interface with the following sections:

- OBJECTS:** Contains two rows. The first row is for 'ALPHA' with platform 'NT' and file path 'F:\ECOMPD\Data\TXT\alpha2.txt'. The second row is for 'OMEGA' with platform 'NT' and file path 'F:\ECOMPD\Data\TXT\Omega2.txt'.
- STRUCTURES:** Contains two rows. The first row is for 'ALPHA' with platform 'NT' and file path 'F:\ECOMPD\CopyBook\TXT\alphas2.txt'. The second row is for 'OMEGA' with platform 'NT' and an empty file path.
- SAVE FOR BATCH PROCESS:** Contains three rows for saving settings: 'SAVE IN' (F:\ECOMPD), 'FOR PROJECT' (PTXT), and 'CRITERIA FILE' (CTXT). An 'Update' button is located to the right of the 'CRITERIA FILE' field.

At the bottom of the interface, there are several buttons: 'Evola Software', 'Start Preparation' (highlighted in green), 'Save Preparation' (highlighted in purple), 'Start Comparison' (highlighted in blue), and 'www.evola.be'.

Cliquer sur le bouton "Start Preparation" et le message **EcCmpD End of preparation** sera affiché.
Sélectionner l'onglet **Criteria**

Cet écran montre la structure des objets sélectionnés.

Le but ici est de fournir une clé de matching et un ordre de séquence des enregistrements.

ECompD V03.01.A.201120 Evola Software

ECompD Alpha Omega **Criteria** Conditions Options Outputs Reporting Batch Process Set Up

Redress Case (RC)
 Simplification Date-Time (SD)

Trim Text field (TR)
 Suppress Leading 0 (LZ)

Skip Duplicate on record (SDR)
 Simplification Amount (SA)

Default Cri **P** ▾

	Action	Cri	Key	Order	Ori	Lvl	Field	Type	Len	From	To	Type
▶					B	03	ACCOUNT9	CHAR(9)	9	1	9	CHAR(9)
					B	03	RECCD2	CHAR(2)	2	10	11	CHAR(2)
					B	03	NAME20	CHAR(20)	20	12	31	CHAR(20)
					B	03	ZDATE10	CHAR(10)	10	32	41	CHAR(10)
					B	03	ZTIME8	CHAR(8)	8	42	49	CHAR(8)
					B	03	TIMESTAMP	CHAR(26)	26	50	75	CHAR(26)
					B	03	AMOUNT60	CHAR(6)	6	76	81	CHAR(6)
					B	03	DEVN3	CHAR(3)	3	82	84	CHAR(3)
					B	03	DEVA3	CHAR(3)	3	85	87	CHAR(3)
					B	03	AMOUNT4P2	CHAR(7)	7	88	94	CHAR(7)
					B	03	FCHAR6	CHAR(6)	6	95	100	CHAR(6)
					B	03	AMOUNTA6	CHAR(6)	6	101	106	CHAR(6)
					B	03	AMOUNTB6	CHAR(6)	6	107	112	CHAR(6)
					B	03	AMOUNT5P2	CHAR(8)	8	113	120	CHAR(8)
					B	03	FILLER	CHAR(3)	3	121	123	CHAR(3)

Evola Software
Start Preparation
Save Preparation
Start Comparison
www.evola.be

Sélectionner les champs pour les parties clé et séquence. Dans la colonne Cri, donner les options pour les champs (exclusion, liste, impression, ...).

The screenshot shows the ECompD software interface with the following table of fields and criteria:

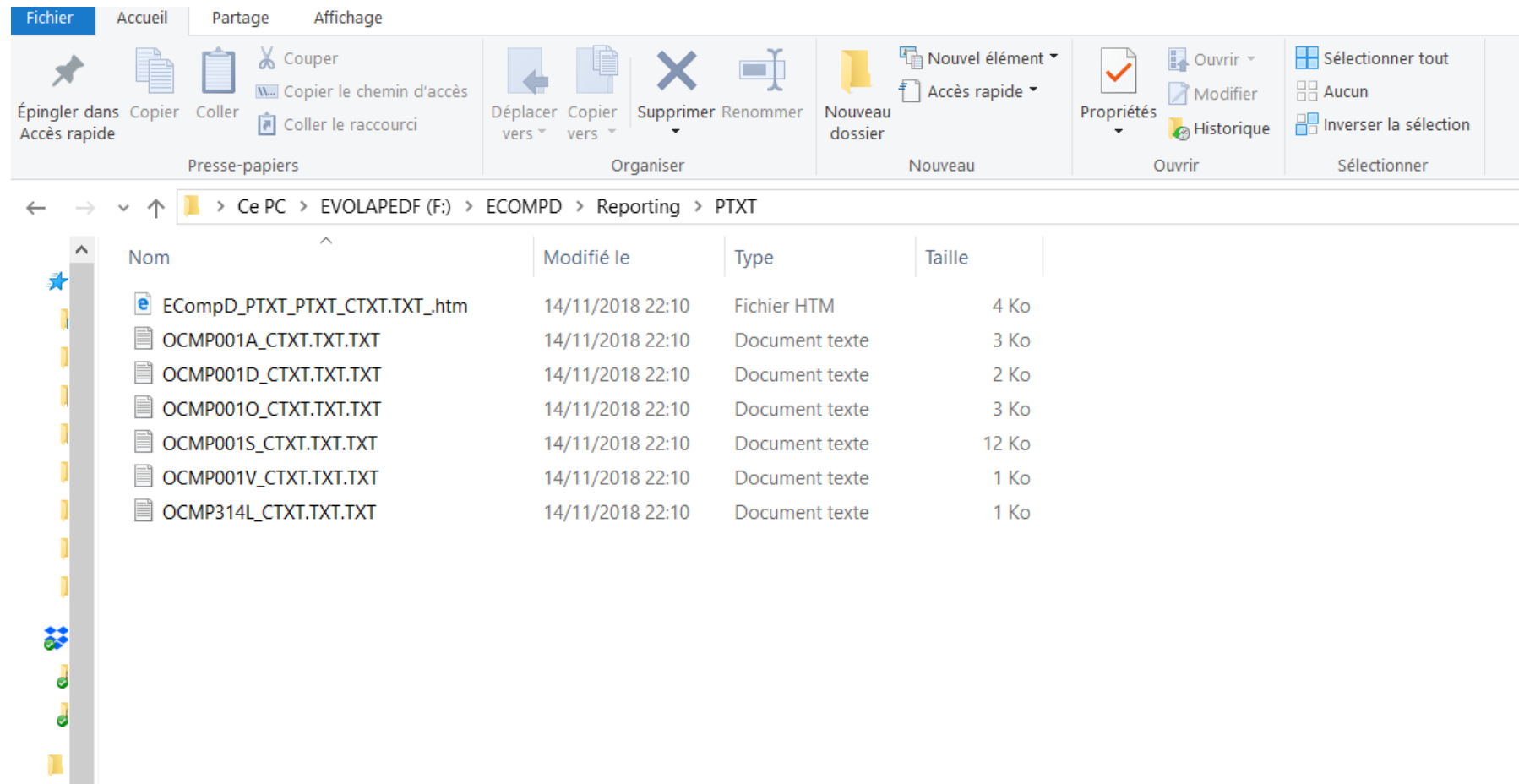
Action	Cri	Key	Order	Ori	Lvl	Field	Type	Length	From	To	Type
		1	1	B	03	ACCOUNT9	CHAR(9)	9	1	9	CHAR(9)
		2	2	B	03	RECCD2	CHAR(2)	2	10	11	CHAR(2)
				B	03	NAME20	CHAR(20)	20	12	31	CHAR(20)
				B	03	ZDATE10	CHAR(10)	10	32	41	CHAR(10)
				B	03	ZTIME8	CHAR(8)	8	42	49	CHAR(8)
				B	03	TIMESTAMP	CHAR(26)	26	50	75	CHAR(26)
				B	03	AMOUNT60	CHAR(6)	6	76	81	CHAR(6)
				B	03	DEVN3	CHAR(3)	3	82	84	CHAR(3)
		-		B	03	DEVA3	CHAR(3)	3	85	87	CHAR(3)
				B	03	AMOUNT4P2	CHAR(7)	7	88	94	CHAR(7)
				B	03	FCHAR6	CHAR(6)	6	95	100	CHAR(6)
				B	03	AMOUNTA6	CHAR(6)	6	101	106	CHAR(6)
				B	03	AMOUNTB6	CHAR(6)	6	107	112	CHAR(6)
	I			B	03	AMOUNT5P2	CHAR(8)	8	113	120	CHAR(8)
				B	03	FILLER	CHAR(3)	3	121	123	CHAR(3)

At the bottom of the interface, there are buttons for "Evola Software", "Start Preparation", "Save Preparation", "Start Comparison", and "www.evola.be".

Cliquer sur le bouton **Save Preparation** pour sauvegarder et sur **Start Comparison** pour démarrer le processus de comparaison.

Après le processus de comparaison, les résultats peuvent être consultés dans le dossier ECompD\Reporting et dans ce cas les fichiers *.PTXT

(voir ce premier écran qui décrit les références utilisées)



The screenshot shows a Windows File Explorer window with the following details:

- Navigation bar:** Ce PC > EVOLAPEDF (F:) > ECOMPD > Reporting > PTXT
- File list:**

Nom	Modifié le	Type	Taille
ECompD_PTXT_PTXT_CTXT.TXT_.htm	14/11/2018 22:10	Fichier HTM	4 Ko
OCMP001A_CTXT.TXT.TXT	14/11/2018 22:10	Document texte	3 Ko
OCMP001D_CTXT.TXT.TXT	14/11/2018 22:10	Document texte	2 Ko
OCMP001O_CTXT.TXT.TXT	14/11/2018 22:10	Document texte	3 Ko
OCMP001S_CTXT.TXT.TXT	14/11/2018 22:10	Document texte	12 Ko
OCMP001V_CTXT.TXT.TXT	14/11/2018 22:10	Document texte	1 Ko
OCMP314L_CTXT.TXT.TXT	14/11/2018 22:10	Document texte	1 Ko

Cliquer sur le nom du fichier ECompD_PTXT_PTXT_CTXT.TXT_.htm pour ouvrir la présentation des résultats.

ECompD Reporting

by Evola Software

Project	Scenario
PTXT	PTXT

Date : 14 novembre 2018 10:10:34	ECompD run : 1	Title :
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	Summary	Only Alpha	Differences	Only Omega	Diff Values
Criteria CTXT.TXT Alpha alpha2.txt Omega Omega2.txt	<u>S</u>	<u>A</u> 1	<u>D</u> 1	<u>O</u> 1	<u>V</u>

La page montre les éléments de rapports de la comparaison : le projet, le scénario, la date et l'heure, le nombre de processus, le titre, ainsi que la référence des fichiers, le fichier des critères et les objets Alpha et Omega.

Au maximum 5 fichiers peuvent être consultés.

Summary : rapport sur tous les paramètres de la comparaison.

Differences: rapport qui liste toutes les différences entre les deux objets.

Only Alpha: rapport sur tous les enregistrements présents seulement en Alpha (basé sur la clé de matching).

Only Omega: rapport sur tous les enregistrements présents seulement en Omega (basé sur la clé de matching).

Diff Values: rapport donnant toutes les différences quantifiées par la valeur de la différence.

EXEMPLES DE RAPPORTS

OCMP001S

RAPPORT DE SYNTHÈSE

Friday, 09 April, 2021, 22:10:29
Page : 1

COMPARE
alpha2.txt AND Omega2.txt

ECompD D0101 OCMP001S
EvolaSoft

YOUR REQUEST

Scenario : PTXT

Title :

Criteria : F:\ECOMPD\PROJECTS\PTXT\CTXT.TXT

Object Alpha : F:\ECOMPD\Data\TXT\alpha2.txt

Object Omega : F:\ECOMPD\Data\TXT\Omega2.txt

Structure Alpha : F:\ECOMPD\COPYBOOK\TXT\ALPHAS2.TXT

Structure Omega : F:\ECOMPD\COPYBOOK\TXT\ALPHAS2.TXT

KEY	ORDER	FIELD	AND	ACTION	(ALPHA) TYPE	(OMEGA) TYPE	(ALPHA) FROM-ON	(OMEGA) FROM-ON
1	1	ACCOUNT9		PRINT	03 X CHAR (9)	03 X CHAR (9)	1 9	1 9
2	2	RECCD2		PRINT	03 X CHAR (2)	03 X CHAR (2)	10 2	10 2
		NAME20		PRINT	03 X CHAR (20)	03 X CHAR (20)	12 20	12 20
		ZDATE10		PRINT	03 X CHAR (10)	03 X CHAR (10)	32 10	32 10
		ZTIME8		PRINT	03 X CHAR (8)	03 X CHAR (8)	42 8	42 8
		TIMESTAMP		PRINT	03 X CHAR (26)	03 X CHAR (26)	50 26	50 26
		AMOUNT60		PRINT	03 X CHAR (6)	03 X CHAR (6)	76 6	76 6
		DEVN3		PRINT	03 X CHAR (3)	03 X CHAR (3)	82 3	82 3
		DEVA3		EXCLUDE	03 X CHAR (3)	03 X CHAR (3)	85 3	85 3
		AMOUNT4P2		PRINT	03 X CHAR (7)	03 X CHAR (7)	88 7	88 7
		FCHAR6		PRINT	03 X CHAR (6)	03 X CHAR (6)	95 6	95 6
		AMOUNTA6		PRINT	03 X CHAR (6)	03 X CHAR (6)	101 6	101 6
		AMOUNTB6		PRINT	03 X CHAR (6)	03 X CHAR (6)	107 6	107 6
		AMOUNT5P2		PRINT	03 X CHAR (8)	03 X CHAR (8)	113 8	113 8
		FILLER		PRINT	03 X CHAR (3)	03 X CHAR (3)	121 3	121 3

YOUR COMMENTS : NONE

ADDITIONAL "WHERE" CLAUSE : NONE

SUMMARY

PERFORMANCE

START PROCESS : 14/11/2018 22:10:29
START EQUATIONS : 14/11/2018 22:10:29
START SORT : 14/11/2018 22:10:29
START COMPARE : 14/11/2018 22:10:29
END PROCESS : 14/11/2018 22:10:29

DURATION : 0 seconds

RECORDS READ : 3 3
RECORDS DELETED : 0 0
RECORDS COMPARED : 3 3

RECORDS EQUAL : 1
RECORDS UNMATCHED : 1 1
RECORDS MATCHED WITH DIFF : 1

NUMBER OF DIFFERENCES ON ...

(Command FIND 'DIFF_NR_nnnnnn' to point to the record in the list)

ABREGE

to come soon...

NAME20 1 (Diff Nr 1)
FCHAR6 1 (Diff Nr 1)

OCMP001A ENREGISTREMENTS PRESENTS SEULEMENT EN ALPHA

Friday, 09 April, 2021, 22:10:29
Page : 1

(ONLY IN) COMPARE
alpha2.txt AND Omega2.txt

ECompD D0101 OCMP001A
EvolaSoft

DIFF_NR_1	> 2	
K ACCOUNT9	123456689	
K RECCD2	04	
C NAME20	ABCDEFGHIJKLMNOPQRST	
C ZDATE10	2011-06-12	
C ZTIME8	08:12:23	
C TIMESTAMP	2011-06-12-08.12.23.123456	
C AMOUNT60	123456	
C DEVN3	011	
C AMOUNT4P2	1234.56	
C FCHAR6	ABHHEF	
C AMOUNTA6	111111	
C AMOUNTB6	222222	
C AMOUNT5P2	5.67	
C FILLER	FIN	

OCMP0010

ENREGISTREMENTS PRESENTS SEULEMENT EN OMEGA

Friday, 09 April, 2021, 22:10:29

Page : 1

COMPARE (ONLY IN)
alpha2.txt AND Omega2.txt

ECompD D0101 OCMP0010

EvolaSoft

```
-----  
  DIFF_NR_1 > 2  
K ACCOUNT9 | 123446789  
K RECCD2 | 04  
C NAME20 | ABCDEFGHIJKLMNOPQRSU  
C ZDATE10 | 2011-06-12  
C ZTIME8 | 08:12:23  
C TIMESTAMP | 2011-06-12-08.12.23.123456  
C AMOUNT60 | 123456  
C DEVN3 | 011  
C AMOUNT4P2 | 1234.56  
C FCHAR6 | ABCDEF  
C AMOUNTA6 | 111111  
C AMOUNTB6 | 222222  
C AMOUNT5P2 | 5.67  
C FILLER | FIN  
-----
```

DETAILS DES DIFFERENCES ENTRE ENREGISTREMENTS DE MÊME CLE

Friday, 09 April, 2021, 22:10:29
Page : 1

COMPARE
alpha2.txt AND Omega2.txt

ECompD D0101 OCMP001D
EvolaSoft

DIFF_NR_1	> 3	> 3
K ACCOUNT9	123456789	123456789
K RECCD2	04	04
NAME20	ABCDEFGHIJKLMNOPQRST	<---> ABCDEFGHIJKLMNOPQRSU
FCHAR6	ABHHEF	<---> ABCDEF

Records Lengths are different For Alpha : 139

For Omega : 149

Friday, 09 April, 2021, 22:10:29

Page : 1

VALUE OF DIFFERENCES BETWEEN
alpha2.txt AND Omega2.txt

ECompD D0101 OCMPO01V

EvolaSoft

NAME20	1 Time	ABCDEFGHIJKLMNQRST	>< ABCDEFGHIJKLMNQRSTU
FCHAR6	1 Time	ABHHEF	>< ABCDEF

Cet onglet est utilisé pour initialiser les paramètres de l'environnement et pour le comportement en face de certains types de champ.

ECompD V03.01.A.201120 Evola Software

ECompD Alpha Omega Criteria Conditions Options Outputs Reporting Batch Process Set Up

DATE and TIME behaviour

Neutral Timestamp Neutral Date Neutral Time Neutral Time Of Timestamp

Except TimeStamp **Rules** Actual Type >> [Standard](#)

Except Date **Rules** Actual Type >> [Standard](#)

Except Time **Rules** Actual Type >> [Standard](#)

Except Filler **Rules** Actual Type >> [Standard](#)

DIRECTORY

Preferred Directory F:\ECOMPD

Preferred Platform NT z/OS AS/400 UNIX TANDEM

NOTIFICATION

SMTP serveur _____

Mail 1 _____

Mail 2 _____

Mail 3 _____

SMS _____

Evola Software www.evola.be