

eWA version 2.9: Administrator Manual

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1. eDAMIS Web Application

1.1. Survival Guide: Sending datafiles to Eurostat

Sending a datafile to Eurostat is as simple as this:

- 1. Log on to the eDAMIS Web Application
- 2. Select Send Datafiles
- 3. Browse for the file to transmit
- 4. Complete the metadata as requested
- 5. Click Perform Transfers



That's all there is to it. Please read on to find out what to do if eWA thinks you've made a mistake, or you want to use features such as encryption or automatic data transmission.

1.2. Principles

eDAMIS is a complete environment that offers data transmission and management services in the European Statistical System. It stands for "electronic Datafiles Administration and Management Information System". It includes:

- 1. Advanced Data transmission facilities for all Eurostat data providers, mainly based on two approaches: the eWA (eDAMIS Web Application) and the eWP (eDAMIS Web Portal) direct upload system
- 2. Advanced data reception features at the Eurostat "single entry point": eDAMIS server
- 3. A Management Information System (MIS) that provides reports on traffic
- 4. A Kernel that includes an inventory of all datasets and partners involved in the data collection process.

The eWA is a local HTTP server that enables the transmission of data from Member States to Eurostat (or other Directorates of the European Commission, if required), as well as the reception of data sent by Eurostat. The eDAMIS system is fully symmetric, in the sense that the eDAMIS Web Application can both send files to, and receive files from the central eDAMIS server at Eurostat. This central server can, in turn, both receive datafiles from, and send datafiles to the eWA (in addition to delivering the received datasets to the statisticians in Eurostat).

From the eWA's viewpoint, Datasets that can be sent to the central eDAMIS server are termed "Producer" Datasets, whereas Datasets that can be received from the central eDAMIS server are "Consumer" Datasets. Statistical Domains can contain both Consumer and Producer Datasets.



The statistical data that needs to be transmitted to Eurostat is made available to the eWA, which converts it into a standardised message and uses STATEL to transfer the message to the eDAMIS server in Eurostat. Based on the metadata associated with the data in the message, the server knows where and how to deliver the data. The server then sends an acknowledgement to the eWA to inform the user that the data has been delivered.

1.3. User Interface

The eWA is used through a Web browser such as Firefox, Opera or Internet Explorer, with the eWA server performing all the functions, such as sending data to the STADIUM server, receiving and processing acknowledgements, or encrypting confidential datasets. No applets are downloaded, and the browser remains the visible interface of eWA. As a result, no certificates must be installed or accepted, and the operation of eWA is easy to master.

1.4. Operational modes

eDAMIS Web Application has two operational modes: Portal and Compatibility. When an eWA 1.x or 2.00 installation is upgraded to eWA 2.30 or upper, all the functions available to the Administrator remain available, and the operation remains unchanged. This means that users are created locally, and user name and password are transmitted to the eDAMIS server as usual.

When the Administrator decides to use the eDAMIS Portal to create local Domains, and assign these to Portal users, eWA switches to Portal mode. In this mode, user accounts can no longer be created locally, but are created through messages received from the eDAMIS Portal. Portal Domains can no longer be associated with users through the eWA menus, but these associations are also part of the administrative messages received from the Portal.

The advantage of Portal mode is that the Administrator is now able to create Domains (groupings of Datasets) that are relevant to local conditions, and assign these local Domains to one or more Portal users. In addition, Portal users can use both the eWA and the Portal to transmit Datafiles. Datafiles sent via the Portal are acknowledged to the eWA, which will use this information to ensure that the correct validation actions are performed.

1.5. Country and Organisation configuration

If not yet configured, eWA will request the Administrator to specify the Country and Organisation the eWA is installed in.

***** ** eu	rostat	🔥 eD	AMIS · Web Application	eDAMIS Help Centre
> Parameters			About User: Administrator lu-arhs-stadium C	DK at 1970-01-01 01:00:00
Parameters	Log off	Help		
	_		Parameter Management	
			System Parameters	
			Please complete the missing fields	
		Country	FR 💌	
		Organisation		
		Update	Cancel	

As long as this information has not been provided, non-administrator users cannot log on, as show in the screenshot below.

An Administrator is currently configuring this installation

Once the configuration has been completed you will be able to log on to this eDAMIS Web Application. Please click this link to return to the login screen.

1.6. Content Validation

eWA has a completely rewritten, plug-in interface for Validation Modules. As delivered it uses the Eurostat Validation Engine (eVE) to validate Datasets locally. This feature can improve the quality of the data that is transmitted to Eurostat, and reduce the number of interactions between the Data Provider and Eurostat leading to better productivity and more timely production of European statistics.

1.7. Online Help

The User and Administrator Manuals are also available on-line through the Help selection on the eWA Menu.



The Help facility creates a new window to avoid losing work in progress and to maximise the screen area available to the eWA forms.

at-1 OK at 2007-02-22 22-13:18

1.8. eDAMIS Messages

The eDAMIS system is based on sending and receiving messages. Unlike many message based systems, there is no size limit to eDAMIS messages, so sending or receiving a dataset of several hundreds of megabytes is just as feasible as sending a 10 kilobyte dataset. Previous STADIUM clients used the EDIFACT standard, but eWA uses XML formatted messages. The logical contents of these messages are very similar, but the additional functions offered by eWA require additional information in the messages.

2. Eurostat connection status

The upper right corner of the eWA window shows the status of the STATEL connction to Eurostat. If the status line is green, datasets will be transmitted to Eurostat. When it is red, communications are not possible. If there is more than one destination STATEL Nick Name (SNN), the status of each connection is shown.



2.1. Connection frequency

The eDAMIS Web Application connects at regular intervals to the upstream STATEL node, and the time of the last connection is shown in the status line. To limit resource usage, the interval between the connections becomes larger in the absence of local activity. The following table shows the connection frequency.

Time since last activity	Connection frequency
Less than 60 minutes	Every 5 minutes
Less than 4 hours	Every 20 minutes
Anytime else	Every 30 minutes

Whenever a user logs in, or a datafile is sent to Eurostat, the eWA restarts the connection cycle.

2.2. Common Error codes



The number between parentheses in the status line is the error code. The following table shows the most common error codes.

Code	Description
-2	Error locating the STATEL Java component
-1	Error locating the STATEL library
106	STATEL is locked. Please contact the Help Desk
256	Cannot connect to the STATEL Gateway (should be transient)

Please note that the screen is only updated when a menu option is selected (with as exception the Logged-on Users display, which refreshes automatically). To obtain the actual status of the communications link, a menu option should be selected, or the browser window should be reloaded

3. Automatic and semi-automatic transmission of Datafiles

The eDAMIS Web Application can be used to automate the transmission of Datafiles, in addition to the user selecting files and attaching metadata through the Send Datafiles form.

3.1. Automatic Transmission

Every User subdirectory (located under the main user directory defined in the Parameters menu entry) contains an "EDI" (short for "Electronic Data Interchange") subdirectory. Files placed here are transmitted to Eurostat without any user intervention provided they conform to the Dataset Naming Convention or are in Gesmes format or SDMX-ML format. The eWA analyses the file name (Dataset Naming Convention) or file contents (Gesmes and SDMX-ML) to determine the metadata to be associated with the file. If the metadata are both complete and correct, the file is sent to Eurostat without further user intervention.

The figure below shows how an eWA User directory hierarchy would look on a Windows PC.

😂 H:\Develop	oment\EDFMS\Client\use	er\user1			
<u>Eile E</u> dit <u>V</u> ie	ew F <u>a</u> vorites <u>T</u> ools <u>H</u> e	lp			
🌀 Back 🔹	🕥 🔹 🏂 🔎 Search	Folde	rs 🕼 🕉	× 🍤 📖 -	
Address 🗁 H: V	Development\EDFMS\Client\u	ser\user1			So 🔁
Folders		×	Name 🔺	Size Type	Date Modified
	 ➡ in unitb3 ➡ in user0 ➡ in user1 ➡ in tmp ➡ in tmp ➡ in tmp ➡ in user2 ➡ in user3 ➡ in user4 ➡ in user6 ➡ in user7 ➡ in user8 ➡ in user9 ➡ in user10 		, fin , tmp EDI	File Folder File Folder File Folder	2005-03-22 14:52 2005-03-22 1:04 2005-03-21 9:30
<		>			
3 objects (Disk fre	e space: 25.1 GB)			0 bytes 🔄	Local intranet

The user should have access to the EDI directory to enable her to place files into it. To achieve this, the main user directory should be shared (exported) through the features

available in the Operating System the eWA is running under. Details on how to achieve this are beyond the scope of this document.

3.2. Semi-automatic Transmission

If the files are not placed in the EDI subdirectory, but directly in the user's folder, the file will be analysed as described above, but only sent to Eurostat after confirmation by the user via the Send Datafiles form. Files placed in the EDI directory that are not fully recognised are also accessible in the Send Datafiles form, where the missing or incorrect metadata can be completed and/or corrected.

IMPORTANT NOTE:



It is important to assure that both the eWA account and the user accounts have appropriate access to the main user directory. eWA needs **full** access, as it creates the directory hierarchies, and needs to be able to delete the files that are placed in these directories. The users need sufficient access to deposit files in their subdirectories and EDI folders. If possible, the access to other operations such as creating and removing directories should be made impossible.

If the programs that produce statistical datafiles can be configured to place their output directly in the eWA User Directory Hierarchy, transmission to Eurostat can be completely automated; obviously, it also allows user control and authorisation before data is transmitted.

3.3. External Monitoring of the Data Transmission Process

eWA can be configured to write a list of the non-acknowledged datafiles to a CSVformatted file in the eWA directory. The name of this file is set in the Parameters menu entry "Non-acknowledged Transmissions File" under the "Directory and File locations" section. The file has the following format (split over several lines for clarity):

```
User |Ack.Delay|Date |Domain |...
Administrator 90860|2007-02-22 00:21:20.557|EDAMIS1|...
Dataset |Year|Period|Action|Status|...
EDAMIS2_A2_M|2008|4 |N |T |...
Original filename |file size
EDAMIS2_A2_M_FR_2004_0004.doc|30
```

Fields are separated by vertical bars, and the heading with the descriptions of the fields is always present. The file is refreshed every 20 seconds.

4. Overview of the Administrator Menu



4.1. Logging on and logging off

4.1.1. Logging on

Before the eWA can be used to transfer datasets to Eurostat, the user needs to log on (unless EDI mode is used, in which case the user only needs to log on to correct possible errors). User accounts are created by the Administrator, a user account automatically created when the system is installed. When user accounts are created with empty passwords, the users will only gain access to the Maintain Account menu entry.

Once they enter a password, they'll be granted access to all the functions.

4.1.2. Automatic Log off

After a configurable period of inactivity (3 hours by default), users are automatically logged off. It is however recommended to use the Log off menu entry to terminate the connection with the eWA once the work has been completed.

4.2. Send Datafiles

Selecting the Send Datafiles menu entry leads directly to the form used to transfer data to Eurostat. Administrators have access to all the datasets defined in the eWA.

4.3. Manage Saved Datafiles

This form is used to manage the backup copies of the datafiles that have been sent to Eurostat.

4.4. Receive Datafiles

When the eWA is used to receive datasets as well, the Receive Datafiles menu entry display a form with a list of the datasets that have been received. Click the appropriate dataset to download it to your PC. Administrators can only download files that have been sent to their specific account.

4.5. Action History

The Action History menu entry gives access to the following commands:

- **Short**: produces an on-screen report restricted to the number of lines set in Parameters or the user account
- Long: produces an on-screen report of all the actions
- **Month**: produces an on-screen report restricted to the actions for this calendar month
- Long Admin: produces an on-screen report of all the administrative actions (only available for administrators)
- **Month Admin**: produces an on-screen report restricted to the administrative actions for this calendar month (only available for administrators)
- CSV:Send: generates a CSV file with all the Send actions
- CSV:Receive: generates a CSV file with all the Receive actions
- **CSV:Admin**: generates a CSV file with all the administrative actions (only available for administrators)

4.6. Users

The Users menu gives access to the following commands:

- List: Produce an on-screen list of the eWA users
- **Update**: Update an existing user
- Create: Add a user
- **Delete**: Delete a user
- **Logged-on**: Show the users that are currently logged-on, and give the possibility to log them off

Note that the Create menu is removed once the Portal mode of operation is selected.

4.7. Management Menu

4.7.1. Parameters

Selecting the Parameters menu displays the eWA parameters form.

4.7.2. Validation

The Validation menu is used to set the parameters for the Eurostat Validation Engine (eVE). The Module is included in the eWA installation procedure, but no Validation Specification files are included. The eVE as integrated with eWA can receive Validation Specification files through STATEL.

4.7.3. Shutdown

The Shutdown menu entry leads to the eWA shutdown form.

4.8. Logoff

Press the \log off menu entry to log off from eWA.

4.9. Third-party software and License information

Please refer to the section describing the third-party software used in eWA for more information.

5. Logging on

A user needs to log on before the eWA can be used to transfer datafiles to Eurostat.

Login					
Address: 192,168,1,38					
User ID Password					
Login					
Please leave the Password empty when logging in for the first time.					

5.1. Compatibility mode

When eWA is operating in compatibility mode, that is when the Administrator doesn't use the eDAMIS Portal to manage users and datasets, the user ID is allocated by the eWA Administrator, and the password can be freely selected by the user. When an account is first created, the password is empty, and access is restricted to the Maintain Account form.

****	eurost	at 🔼	eDAM1	S · Wel	h Ann	lication					eDAMIS Help Centre
**** *			CDAIN		трр	neutrom					
> Users > I	Edit						About L	User: Adminis	trator lu-a	rhs-stadium	OK at 2009-05-18 14:53:5
Send Datafil	e 🕨 Receiv	ve Datafile	Action Hist	tory 🕨 User:	5 🕨	Metadata	► M	anagement	▶ Log off	Help	
					Use	er Manag	ement				
						IMPORTAN	T NOTES	k:			
		1. If you to ensure	have a <u>CIRC</u> e a smooth tran	∆ User ID, and asition to the eI	l used it as y DAMIS Sing	your eWA User gle Login Systen	ID, you mi n.	ight consider us	sing the associ	ated passwor	rd here,
		2. As los	ng as the passw	vord remains e	mpty, the Se	end Datafile, Ac	tion History	y and Receive I	Datafiles funct	ions are unav	railable.
	Use	er ID *		Test							
	Pas	sword *									
	Cor	ıfirm Passv	vord *								
	Nar	ne									
	Sur	name									
	Add	lress									
	Org	anisation									
	Org	.Unit									
	Tele	ephone									
	Ema	ail									
	Cor	nments									
	Cre	ator		LOCAL							
	Role	э		USER 💌							
	Acti	ve									
	Line	es on short	activity report	0							
	Ma	ndatatory f	ields are sign	alled by an a	sterisk *						
					Update	Reset Passw	ord Ca	ncel			

After a password has been entered (twice) and the Update button pressed to activate the password change, the user gains access to all the functions. If the Adminstrator has elected to use the CIRCA User ID, users might consider using their CIRCA password to ensure a smooth transition to the future eDAMIS Single Logon System.

5.2. Portal mode

In Portal mode, the Administrator uses the eDAMIS Portal to maintain accounts and dataset attribution. The account details are sent by the eDAMIS server to the eWA; these include the account details that in Compatibility mode are entered and maintained locally. The eDAMIS server does not have access to the account passwords, and these continue to be maintained locally. When a user logs in for the first time, she has to select a password to gain access to the data transmission forms:

**** eu	rostat 🔥 eDAM	IIS · Web Application	eDAMIS Help Centre				

u-arhs-ewa1 > U	lsers > Edit	About User: Administrator lu-arhs-stadium OK a	it 2009-05-18 14:59:1				
Send Datafile 🕨	Receive Datafile Action	istory ▶ Users ▶ Metadata ▶ Management ▶ Log off Help					
		User Management					
		IMPORTANT NOTES:					
	1. This user account cannot be changed in The parameters (Ro	was created through the eDAMIS Portal. The user information it contains, apart from the Password, ically, and all changes should be effected through the Portal. e, Status and Lines on short activity report) can be changed as required.					
Use the "Reset Password" button to set an empty password so that a user who has lost his password can log on again.							
	2. As long as the pa	sword remains empty, the Send Datafile, Action History and Receive Datafiles functions are unavailabl	e.				
	User ID	Test					
	Password *	•••••					
	Confirm Password *	•••••					
	Name	Test					
	Surname	Test					
	Address	Test					
	Organisation	Not Set					
	Org.Unit	Not Set					
	Telephone	Test					
	Email	Test					
	Comments	Created by eDAMIS Portal					
	Creator	PORTAL					
	Role	USER 🔽					
	Active						
	Lines on short activity repo	rt 0					
	Mandatatory fields are si	gnalled by an asterisk *					
		Update Reset Password Cancel					

After a password has been entered (twice) and the Update button pressed to activate the password change, the user gains access to all the functions. The user accounts use the CICRA User IDs, so users could decide to use the same password for both CIRCA and eWA.

6. Send Datafiles

6.1. Introduction

eurostat 🛃 eDAMIS	·Web Application				eDAMIS Help Centre
Iv-csb-ewa1 > Send Datafile Send Datafile	▶ Users ▶ Metadata ▶ Mar Send Dataf	About User: Admini nagement > Log off Hel Tiles	istrator lu-arh p	s-stadium OK at	2009-11-23 16:11:57
File Name Browse	Dataset	Year	Period	Encrypt? Va	IIId? Force Clear
Free text comments .				_	
File with explanatory notes Dataset Description	Browse.				
Add/Validate Datafile					
Perform transfers					

This form is used to add metadata to the files that will be transmitted to Eurostat. The eWA proposes metadata based on previous transmissions as well as the current date, to ensure that future dated metadata is not inadvertently attached to the datafiles. In addition, the eWA also examines the name of the file, as well as its contents. When the name follows the Eurostat Dataset Naming Convention, or when the file contains GESMES or SDMX-ML data, eWA can derive the metadata from the datafile name or contents.

IMPORTANT NOTE:

For datafiles that have DataSet Naming Convention compliant names, the metadata is derived when the file is selected. For SDMX-ML and GESMES files, the metadata will be derived after using the Add/Update Datafile button or the Perform Transfer button.

6.2. Selecting a file

To select a file for transmission, either type the full path name in the File Name field, or press the Browse button next to it and select the file from the file selection dialog.



Please note that EWA verifies if the contents of a file have been transmitted already. This is done independently from the file name and the metadata that have possibly been attached to the file, and will result in an alert when the re-transmission of a datafile is attempted. Obviously, it remains possible to ignore the alert and to send the file again, if desired.

6.3. Adding metadata

The first step in adding metadata is selecting the Dataset. Once this is selected, the eWA will propose a Year and a Period. These are derived from the last transmission for this Dataset, as well as today's date. If no dataset instance was sent, the current period will be proposed.

Dataset	Year	Period
•	T	

If previous instances were sent, the next instance in the series is proposed. For example, when today is the 15th of March 2005, and the previous transmission of a Monthly was for October 2004, eWA will propose Year: 2004, Period: November. If however the last transmission was for February 2005, eWA will propose Year: 2005, Period: February.

6.3.1. Derived metadata

As mentioned above, eWA can derive metadata from the file name (when it conforms to the DataSet Naming Convention) or the file contents (in case of GESMES or SDMX-ML files). It does this when the Add/Update Datafile or Perform Transfers button are clicked for GESMES and SDMX-ML files, or when the file is selected for DataSet Naming Convention compliant files.

Send Datafiles												
File Name		Dataset		Year		Peri	od	Encrypt?	Valid?			
C\Documents and Settings\gackgr\My Docu	Browse	RAIL_A_M	-	2007 💌		June	-			Force	Clear	
Free text	comments							Confidentia	I			
File with explana	tory notes		Browse									
Dataset D	escription	CSV Format File following regula	tion 2390/1999	[Detailed Payment Dat	a]							
Add/Validate Datafile File name partially recognised, please complete the identification information.												
Perform transfers												

If you had added metadata **before** clicking the buttons, your selection takes precedence, and eWA displays a warning message containing the derived metadata if these differ from the metadata you selected.

6.4. Encrypting confidential datasets

When a domain has a public encryption key available, checking the Encrypt? checkbox will compress and encrypt the data before it is placed in the eDAMIS envelope.

Encrypt?
V

The encryption is compatible with the OpenPGP standard. Please note that the Encrypt? checkbox can only be activated when an encryption key is present in the Reference Base.

6.5. External Validation

eWA supports eternal validation engines through a plug-in mechanism. The valid? check-box is used to show whether the file will be validated or not.



6.6. Adding comments and methodological notes

These are optional elements that can be transmitted with the statistical data. Comments are limited in length to 255 characters, and are stored with the dataset in the central eDAMIS database. They are added to the forwarded dataset and are visible to the final recipient. They can be used to convey short messages concerning the data.

Methodological notes are a single file that is attached to the dataset, and forwarded to the recipient. They are not stored by the server, and cannot be retrieved once the processing of the dataset is complete. If several files need to be sent as methodological notes, they should be placed in a ZIP archive prior to their inclusion with the datafile.

6.7. Submitting the file for validation

The Add/Update Datafile validates the metadata for the selected datafile. The result of the validation is displayed below the data entry line, and a new, empty data entry line appears below the previous one.

The following errors and warnings can be generated:

Message	Description
Naming Convention/GESMES/SDMX-ML:	The message was recognised
FILE RECOGNISED Dataset: Dataset	from the DataSet Naming

name, Year: "year", Period: "period"	Convention, GESMES or
	SDMX-ML attributes
Frror: Datafile has zero size	The selected datafile has no
	content
Error: Contents of Datafile have already been	The contents of the datafile have
sent previously	already been sent to Eurostat
Eman Detefile almosty yead in this session	This file was already selected for
Error. Datame aready used in this session	transmission in this session
	Please alert eDAMIS Support
Not registered: Internal processing error	when this error occurs
	Not all metadata has been
Warning: Please provide all metadata	provided
Fatal: You cannot send a file that does not	The file contains information for
correspond to your country	another country
	The Dataset is not recognised
	(invalid DataSet Naming
Fatal: Dataset not recognised	Convention GESMES or
	SDMX-ML)
Eatal: Dataset not specified	The dataset field is empty
	There is a gap between the year
Warning: There are missing years (Suggestion:	selected and the year of the last
"year")	transmitted dataset
Werning Versing to a cifical	Diagon a semplate the 'Veed field
warning: Year not specified	Please complete the Year field
Error: The year "year" is not authorised for this	The selected year is not
dataset	authorised for the selected
	dataset
Error: The year "year" is in the future	The selected year lies in the
	future
Warning: The name of the file and envelope	The DSNC of the file does not
dataset don't match	match the selected dataset
Warning: The name of the file and envelope	
	The DSNC of the file does not
year don't match	The DSNC of the file does not match the selected year
year don't match Warning: The name of the file and envelope	The DSNC of the file does not match the selected year The DSNC of the file does not
year don't match Warning: The name of the file and envelope period don't match	The DSNC of the file does not match the selected year The DSNC of the file does not match the selected period
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year don't match Warning: The name of the file and envelope period don't match Warning: Form and recognized dataset don't match Warning: Form and recognized year don't match Warning: Form and recognized period don't match Warning: Period number already used	The DSNC of the file does not match the selected year The DSNC of the file does not match the selected period The form dataset does not match the recognized dataset The form year does not match the recognized year The form period does not match the recognized period The period number has already been used (for non-periodic
year don't match Warning: The name of the file and envelope period don't match Warning: Form and recognized dataset don't match Warning: Form and recognized year don't match Warning: Form and recognized period don't match Warning: Period number already used	The DSNC of the file does not match the selected year The DSNC of the file does not match the selected period The form dataset does not match the recognized dataset The form year does not match the recognized year The form period does not match the recognized period The period number has already been used (for non-periodic datasets)

(Suggestion: "period")	period sequence				
Validation warning: Period impossible or not	Please correct or complete the				
specified	period field				
Validation warning: The period "period" is in	The period is either not				
the future	completely expired, or lies in the				
	future				
Error: Dataset occurence ID not recognized or	The recognized dataset does not				
not authorised for the user, please fill the	exist on the system or is not				
authentication envelope	authorised for the sender				
	The external validation module				
External validation warning (press "Valid	has reported at least one				
Report" button for details)	warning. The details of the				
Report button for details)	report is available by clicking on				
	the "Valid Report" button				
	The external validation module				
External validation error (press "Valid Report"	has reported at least one error.				
button for details)	The details of the report is				
	available by clicking on the				
	"Valid Report" button				

The metadata and the comment can still be modified, and a methodological notes file can be added if one wasn't added yet. The selected file cannot be changed, as it has already been transferred from the user's system. If a mistake was made in selecting the file, please use the Delete button to delete the entry. The same procedure should be followed when the wrong methodological notes file was added.

6.8. Accessing the Validation Engine Reports

When a Validation Specification for the Dataset is present, eWA will run the selected datafile through the validation procedure.

	💓 eurostat 🙀	eDAMIS · Web A	Application										
lu	-arhs-ewa1 > Send Datafile			About Use	er: Administrator	lu-arhs-stadiur	n OK at :	2009-05-1	8 15:08:18				
s	end Datafile 🕨 Receive Datafile	Action History 🕨 Users	Metadata	▶ Managem	ent 🕨 Log off	Help							
	Send Datafiles												
[File Name	Dataset	Year	Period	Action	Encrypt	? Valid	?					
	<u>0:</u> RAIL A A FR 2007 0001.ges (size: 1417)	RAIL_A_A	2007				V	Force	Delete				
	Free text comments					Confiden	ial	Valid Rep	oort				
	File with explanatory notes		Browse		Datafile siz	re: 1417							
	Dataset Description	CSV Format File following regulatio	n 2390/1999 [Detailed F	ayment Data]									
	GESMES: FILE RECOGNISED	Dataset: RAIL_A_A, Year: 20	07, Period: 1, Action: I	N									
	External Validation error (Press "Va	alid" buttons for details)											
	Use "Force" to perform the trans	mission of the datafile with erro	rs or warnings										
	Add//alidate Datafile												
	Dorform transform												
l													

The result of the validation procedure can be accessed by pressing the Valid Report button. Please note that the Valid Report button only appears when the Validation Engine can, and has been called.



For more details on the Validation Module(s) that have been installed, please refer to the Validation Module Manual, which should contain a section on the interaction of the module with eWA.

6.9. Transmitting all pending files to Eurostat

If the validation process didn't give the data and metadata a clean bill of health, the transmission will be interrupted. Any error or warning that is found interrupts the transmission to ensure that potentially erroneous metadata isn't inadvertently sent to Eurostat.



Files not transmitted to Eurostat remain available in the Send Datafiles form as long as the user doesn't log off.

6.10. Ignoring Validation Messages and Overriding eWA's suggestions

eWA validates the metadata entered for a datafile, and gives error and warning messages as well as suggestions for correction. Usually, it's a good idea to take heed and check that the metadata is indeed correct, but there might be moments the data must be sent with metadata that eWA has problems with.

To force eWA to use the metadata entered by the user, simply re-enter the metadata that should be used, and press the Force button for the datafile that should be sent. The datafile will now be sent with the provided metadata.

6.11. Transferring all the prepared files

Once all the metadata corresponds to your requirements, pressing the Perform Transfers button will transfer all the files to Eurostat.

Add/Validate Datafile	
Perform transfers	

This might take a while, especially when there are large files and encryption involved. Once the transfers have been performed, they are shown in the Datafiles transmitted this session table above the entry lines. The Action reports give more details on the transfer status.

7. Manage Saved Sent Datafiles

7.1. Introduction



eWA saves a copy of the datafiles that are transmitted in the Datafile Save Directory, configured in the Parameters form as "Datafile Save Directory" in the "Directory and File Locations" section.

7.2. Displaying Saved Datafiles

The Saved Datafiles can be displayed in a browser Window or a helper application by clicking on the file name. By default, the file will be displayed same window as used for the form. It is possible to display the file in a separate browser window, or, if the browser supports tabbed browsing, files can be shown in separate tabs if desired. Please refer to your browser documentation for more information on the display of URLs in separate windows or tabs.

7.3. Deleting Saved Datafiles

The files are either kept until deleted through the "Delete" button, or they are deleted when an acknowledgement (the "SRA" message) is received from the eDAMIS system. This is determined through the "Delete saved datafiles upon Acknowledgement" in the Parameters form.

7.4. Keeping long-term backups

It is possible to enter an absolute path for the "Datafile Save Directory", to locate the backup store, for example, on a large network or external device. When the "Delete saved datafiles upon Acknowledgement" is not checked, eWA will keep the Saved Datasets accessible through this form.

Please note that eWA will not perform a check on the available disk space in the "Datafile Save Directory". The Administrator should ensure that enough space is available.

8. Receive Datafiles

The eDAMIS system is fully symmetric, in the sense that the eDAMIS Web Application can both send files to, and receive files from the central eDAMIS server at Eurostat. This central server can, in turn, both receive datafiles from, and send datafiles to the eWA (in addition to delivering the received datasets to the statisticians in Eurostat).

From the eWA's viewpoint, Datasets that can be sent to the central eDAMIS server are termed "Producer" Datasets, whereas Datasets that can be received from the central eDAMIS server are "Consumer" Datasets. Statistical Domains can contain both Consumer and Producer Datasets.

.***.						eDAMIS H	elp Centre	
eu	rostat 🔂	eDAMIS · V	Neb Appl	ication				
• * • · · · ·								
lv-csb-ewa1 > R	eceive Datafile		About User	: Administrator	lu-arhs-stadium OK	at 2009-11	-23 16:1	1:57
Send Datafile 🕨	Receive Datafile 🕨	Action History 🕨	Users 🕨	Metadata	🕨 Management 🕞	Log off	Help	

Download Received Datafiles

	Available Datafiles												
Date	Sender	Receiver	Datafile name	Domain	Dataset	Year	Period	Size	Free Text	Explanatory Notes			
2009-11-23 15:12:53.695	Administrator	Administrator	<u>test.pdf</u>	RAIL	RAIL_A_A	2009	7	13922	Free text comments	<u>test.html</u>	Delete		

When datafiles are received from the central eDAMIS server, they are made available in this form. To copy a file to the local workstation, the user simply clicks on the file name to start a standard HTTP file download.

Once the file has correctly been downloaded, the user can click the Delete button to remove the file from the eWA system. Please note that once deleted, the file cannot be recovered.

9. Manage Saved Received Datafiles

9.1. Introduction

***** eu	rostat 🔥	eDAMIS	Web App	lication							eDAMIS H	lelp Centre
lu-arhs-ewa1 > F	teceive Datafile >	Manage Saved R	eceived Datafiles		About	User: Ad	ministrator	lu-a	rhs-stadi	um OK at	2009-05	-18 15:19:38
Send Dátafile 🕨	Receive Datafile 🕨	Action History	Users •	Metadata	▶ Man	agement	Log off	He	elp			
			Manage 9	Saved Rece	ived D	atafile	c					
			manage	Javed Rece	ived D	atame	.3					
Da	ite	User	Datafile name / I	Notes name	Domain	Dat	aset	Year	Period	Action	Size	
2009-05-18 15:1	6:38.203 Ad	Iministrator 🖸	riginialFileName.txt	C	009	1-X-TABLE	-DATA			N	90489	Delete
SavedReceivedDatafile.tmp												top

eWA saves a copy of the datafiles that are received in the Datafile Save Directory, configured in the Parameters form as "Datafile Save Directory" in the "Directory and File Locations" section.

9.2. Displaying Saved Datafiles

The Saved Datafiles can be displayed in a browser Window or a helper application by clicking on the file name. It is possible to display the file in a separate browser window, or, if the browser supports tabbed browsing, files can be shown in separate tabs if desired. Please refer to your browser documentation for more information on the display of URLs in separate windows or tabs.

9.3. Deleting Saved Datafiles

The files are either kept until deleted through the "Delete" button.

9.4. Keeping long-term backups

It is possible to enter an absolute path for the "Datafile Save Directory", to locate the backup store, for example, on a large network or external device.

Please note that eWA will not perform a check on the available disk space in the "Datafile Save Directory". The Administrator should ensure that enough space is available.

10. Action History Menu

	rostat 🛃	eDAMIS · I	Neb
> Users > Show	/ Logged-on Users		
Send Datafile 🕩	Receive Datafile 🕨	Action History	Users
		*Short	
		Long	
		Month	
	L L	Long Admin	/stem
	A	Month Admin	8.1.38
	R	CSV: Send	secon
		CSV: Receive	
showusers.tmpl		CSV: Admin	

The eWA Action History dropdown menu is used to access the information on the datafiles sent and received by the eDAMIS Web Application. When used by an Administrator, the actions performed by all the user accounts are visible. Users only see the actions performed on those Domains they have been associated with.

The following commands are available through this menu:

- **Short**: produces an on-screen report restricted to the number of lines set in Parameters or the user account
- Long: produces an on-screen report of all the actions
- **Month**: produces an on-screen report restricted to the actions for this calendar month
- Long Admin: produces an on-screen report of all the administrative actions (only available for administrators)
- **Month Admin**: produces an on-screen report restricted to the administrative actions for this calendar month (only available for administrators)
- **CSV:Send**: generates a CSV file with all the Send actions
- CSV:Receive: generates a CSV file with all the Receive actions
- **CSV:Admin**: generates a CSV file with all the administrative actions (only available for administrators)

Notice the asterisk in the "*Short" entry - it indicates that this function will be called by clicking on the "Action History" label.

10.1. Visualising the Action History

10.1.1. Action History Reports

The Short, Long and Month menu entries produce on-screen reports. Short reports contain only the number of lines configured in the user account (see Maintain Account), whereas the Long report contains all the available information, and hence can become quite long. The monthly report is useful to get a reasonably sized list of the most relevant actions.

****			-										eDi	MIS Hel	p Centre
	uros	stat 🔁	eDAMI	(S - W	eb Appli	cation									
lu-arhs-ewa1 :	> Actio	n History > Mo	nth				Abo	out U	ser: Ad	ministrator	lu-arhs	-stadium	1 OK at 200	9-05-:	18 15:24:58
Send Datafile	▶ Red	eive Datafile 🕨	Action His	tory ▶ U	isers 🕨	Metadata	•	Manage	ment	Log off	Help				
Received Datafiles Status															
≜ User		•	Date	•	Datafile	name	≜ D	omain		Dataset		Year	Period		Size
Administrator		2009-05-18 15:1	6:38.203		OriginialFileName	e.txt			<u>1-X-</u>	TABLE-DATA		1998		1	90489
NEWER CONTRACTOR															i tan
															: 100
					Trar	ismitted Data	files St	atus							
≜ User	¥ *	Date	•		Datafile name	A	Domai	n 🖕 🔺	Datase	et Vear	Perio	od Si	ze Encr.		Status
Administrator	200	9-05-18 15:14:1	7.546	RAIL_A_A	_FR_2007_0001.g	jes RAI	L	RAI	<u>. A A</u>	2007		1 1	417	(2/4)	Sending
0017707 www.tin	anna?														i ton
															: 100

10.1.1.1. The Status Column

The "Status" column is colour-coded. A green message indicates that the data has been delivered to the intended recipient, and that an acknowledgement has been received by the eWA. Problems with the data transmission are identified by red messages. Whenever a red message appears, the data has not been properly delivered to the intended recipient. Orange and blue messages are used for the intermediary steps.

The following table details the values that can appear in the "Status" column of the "Transmitted Datafiles Status" list:

Value	Description
Incomplete	The file has been deposited in the User directory and the metadata should be completed in the Send Datafile form to finalise their transmission to Eurostat
(1/4) Prepared	The data has been packaged into an SD8 file is awaiting transmission to Eurostat
(1/4) Prepared	Same as above, but more than 30 minutes have elapsed since the action was created
(2/4) Sending	The SD8 message has been successfully submitted to STATEL, meaning it has left the eWA and has been accepted by the STATEL Gateway or STATEL Hub

(2/4) Sending	Same as the previous entry, but more than 30 minutes have elapsed since the successful submission to STATEL
(3/4) Received	The SD8 has been received by the eDAMIS server, but has not yet been processed
(4/4) Acknowledged	The SD8 message has been processed by the eDAMIS server, and the acknowledgement message (SRA) sent by the server has been received and processed by the eWA.

10.1.1.2. Sorting the Reports

It is possible to change the sort order of the report by clicking on the up/down arrows that appear in the Report headers.

	Received Datafiles Status											
*	User	+ [*]	Date	Ŧ	Datafile name	•	Domain 💡	1	Dataset	, Yea	r Period	Size
Admi	nictentor	2000	E 10 1E-14-00 000		OriginialFileName but			1 V	TABLE DATA	10	0	00400

The default sort order is descending by date. eWA reverts to the default sort order on logout. Please note that sorting the short report will result in the selected number of lines from the complete report after the sort has been applied, not the original number of lines sorted differently.

10.1.2. Dataset History Report

By clicking on the Dataset name, an overview of the Data Transmission activity for this Dataset is shown. Consumer datasets show only the receive actions, Producer datasets show the Collect and Acknowledgement actions.

****	eurostat 🔶 eDAMIS · Web Application										
lu-arhs-ewa:	-arhs-ewa1 > Dataset History > RAIL > RAIL_A_A About User: Administrator lu-arhs-stadium OK at 2009-05-18 15:31:56										
Sena Datam	e 🕨 Keceive i	oatame P Action History P Osers		metauata	Management	F LOG UII	rielp				
	Dataset History: (RAIL) RAIL_A_A										
Туре	User	Date	Col.ID	Da	atafile name	Year	Period	Size	Encr.	Status	
COLLECT	Administrator	2009-05-18 15:32:07.281		RAIL_A_A_FR_2	2007_000x.txt	2007	3	35		Prepared	
COLLECT	Administrator	2009-05-18 15:31:50.421		RAIL_A_A_FR_2	2007_0002.txt	2007	2	38		Sending	
COLLECT	Administrator	2009-05-18 15:14:17.546		RAIL_A_A_FR_2	2007_0001.ges	2007	1	1417		Sending	
datasetHistoryList	tmpl									top	

The system always shows the full Dataset History, disregarding the number of lines set for the Short Action History report, even if the Dataset History is accessed from the Short Action History Report.

10.2. Exporting the Action History to CSV files

These menu entries ask the eWA to generate a CSV formatted file containing either the Send actions, the Receive actions, or the Administrative actions. These files can be saved on the local system and imported in a spreadsheet program for further analysis.

****			DAMIC	Nob	Annli	ication					eDAMIS	Help Centre
****	eurostat		EDAMIS -	web /	чррп	Cation						
lu-arhs-ew	a1 > Dataset Histo	ory > Ri	AIL > RAIL_A_A				About User: A	dministrator	lu-arhs-stad	lium OK at	2009-0	5-18 15:31:58
Send Data	file 🔺 Receive Da	tafile 🕨	Action History	Users	•	Metadata	Management	Log off	Help			
			*Short									
			Long		Datase	t History: (RA	IL) RAIL_A_A					
Туре	User		Month		Col.ID	L L)atafile name	Year	Period	Size	Encr.	Status
COLLECT	Administrator	2009-	Long Admin	1		RAIL_A_A_FR	_2007_000x.txt	2007	3	35		Prepared
COLLECT	Administrator	2009-	Month Admin	1		RAIL_A_A_FR	_2007_0002.txt	2007	2	38		Sending
COLLECT	Administrator	2009-		6		RAIL_A_A_FR	_2007_0001.ges	2007	1	1417		Sending
			cov. senu									
datasetHistory			CSV: Receive		C	pening edamis_	send.csv		PX			top
			CSV: Admin			You have chosen	to open					
						🖳 edamis_s	end.csv					
						which is a:	Microsoft Office Excel Comm	a Separated Values	File			
						from: http:	//gackgr:8181					
						🕝 What should Fir	efox do with this file?					
						6		(1.6. b)				
						• Open w	th Microsoft Office Excel	(derault)				
						C Save Fil	9					
						📃 Do this 🛛	automatically for files like this	from now on.				
								OK Can	cel			

The following figure shows the Send History imported into a StarOffice Calc spreadsheet.

Ing Ing A	B / B TYPE COLLECT COLLECT COLLECT COLLECT COLLECT COLLECT COLLECT COLLECT COLLECT COLLECT COLLECT COLLECT	Administrator PDAG 10 C PDAG 10 STD4 SAE XML P AT-032 EDAMS DE STATEUND 385-H AT-032 EDAMS SE SCB-EDAMS SE SCB-EDAMS SE SCB-EDAMS SE SCB-EDAMS SE SCB-EDAMS SE SCB-EDAMS	D X 1 D T D DAG ID STD4 SAE JML-P AT-021 EDAMS DE STD4 SAE JML-P AT-021 EDAMS SE SCB-EDAMS SE SCB-EDAMS SE SCB-EDAMS	E P FILE STRE DAT ID P FILE STRE STRE STRE STRE STRE STRE STRE STR	ACTION N N N	H YR_FROM 2005 2004 0 2000	1 PRD_FROM 1 23	SEQUENCE		COLLECTION_ID
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Please note that the eWA uses UTF-8 encoding, and in order to see your locale's extended characters the import should be done in UTF-8

11. Users Menu

eu-estattc-6 >	u-estattc-6 > Users > Show Logged-on Users											
Send Datafile 🕨	Receive	Datafile	Action	History 🕨	U	Jsers	I	letadata	a			
					L	ist		- 41 1				
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U	ser Name	Syst	em	0	D	elete		Last	used			
di	ares_hour	192.168.	1.6	2007-02-2	2*	Logged on	0	7-02-22	23:06:3			
d	401_test	192.168.	1.19	2007-02-2	22	09:20:44.01	200	7-02-22	23:54:49			

The eWA Users dropdown menu gives the administrator the possibility to manage the eWA user accounts. The following forms can be selected from this menu:

- List: Produce an on-screen list of the eWA users
- Update: Update an existing user
- **Create**: Create a new user account (only in Compatibility mode)
- **Delete**: Delete a user
- **Logged-on**: Shows the users that are currently logged-on, and gives the possibility to log them off

User accounts can be created locally when the eWA is operating in Compatibility mode. Once the Administrator has switched to using the Portal for User and dataset attribution management the Create User function is no longer available. The eWA automatically switches to Portal mode when the first Portal activities are performed.

Please note that Portal users can still be edited and deleted. The details of Portal users cannot be changed as they are copied from the information registered in CIRCA.

12. List User Accounts

This form shows a list of all the eWA users, and allows the Administrator to select a user account to edit.

Sand Dataf	ue Rec	alua Datat	ite Action Mistory	Henre	Mat	adata .	Management	Longer	Help		01:00:0
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					Use	r List					
User Name	Name	Surname	Address	Telephone	Emoil	Information	Ore.	Org.Unit	Role	Active	Demains
Adheredrator	Not Set	Not Set	Not Set	Not Set	Not Set	Default User (autocreated)	Not Set	Not Set	ADMIN	Yes	
Kleinari	Kleinarl	Not Set	Not Set	Not Set	Not Set	Created by STADIUM	Not Set	Not Set	USER	Yes	RAIL, ROAD, STS-CON, ANIPR, SBSBD, SBSSERV
MGSN	MG5N	Not Set	Not Set	Not Set	Not Set	Created by STADIUM	Not Set	Not Set	USER	Yes	STSIND
Normal	Portal_first	Portal_last	Portal_postal_address	Not Set	Portal_email	Created by eDAMIS Portal	Portal_organisation	Portal_org_unit	USER	Yes	WASTE
PDUN	PDUN	Not Set	Not Set	Not Set	Not Set	Created by STADIUM	Not Set	Not Set	USER	Yes	STSIND
RHOT	RHOT	Not Set	Not Set	Not Set	Not Set	Created by STADIUM	Not Set	Not Set	USER	Yes	STSIND, STSOTHER
1919 Toon	Portei_first	Portel_last	Portal_postal_address	Not Set	Portal_email	Created by eDAMIS Portal	Portal_organisation	Portal_org_unit	USER	Yes	EDAMIS, EDAMIS, ROAD, PORTAL_A1_A, PORTAL_A2_M, PORTAL_A3_N, PORTAL_A3_N, PORTAL_A5_S, PORTAL_A5_A4, PORTAL_A5_A5
TEER	THER	Not Set	Not Set	Not Set	Not Set	Created by STADIUM	Not Set	Not Set	USER	Yes	STSIND
Iest	Test	Not Set	Not Set	Not Set	Not Set	Created by STADIUM	Not Set	Not Set	ADMIN	Yes	WASTE
Tronevi	Portal_first	Portal_last	Portal_postal_address	Not Set	Portal_email	Created by STADIUM	Portal_organisation	Portal_org_unit	USER	Yes	EDAMIS, EDAMIS
doodhy	Portal_first	Portal_last	Portal_postal_address	Not Set	Portal_email	Created by STADIUM	Portal_organisation	Portal_org_unit	USER	Yes	EDAMIS, EDAMIS
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The Domains assigned to each user are shown in this report. In a similar vein, the Domain report shows all the users allowed to transfer the various Domains.

13. Compatibility function: User Creation

Please note that this function is only available when eWA is used in Compatibility mode. In Portal mode, users are assigned through the Portal, and eWA users will have to open CIRCA accounts to use eDAMIS.

Unless the Administrator performs all the transfers herself, user accounts will need to be created and associated with Statistical Domains through the Metadata | Domain List menu entry

IMPORTANT NOTES:

Some of the information in the eWA database is sent to the eDAMIS/STADIUM server:

- 1. User login name
- 2. Encrypted password
- 3. List of domains

None of the other information available through the user creation screen is sent to the server, and hence cannot be restored through the server metadata definition messages (SRR and SRF).

The convergence of Eurostat services will enable the use of a single signon access to CIRCA as well as the eDAMIS Portal and the eDAMIS Web Application. If your users already have a CIRCA account, please ask them for their CIRCA user name and use it for their eWA accounts. If they have no account, they might want to consider creating one on CIRCA DSIS (http://forum.europa.eu.int/dsis and navigate to Sign Up).

The following form is used to create the user accounts:

> Users > Create			U	er: Administrator	eurostat-1 OK at 2005-12- 00:47:0
file Receive Data	flie Action History Users	Metadata	Management	Log off Help	
		User Creation	n		
	We down some from the	IMPORTANT N	OTE:	and the the	
Tf you to cre	ur user already has a CIRCA User ID sate one on CIRCA (http://forum.eur	, please use it here. It opa.eu.int/dsis + Sign	the users have no C Up).	RCA User IDs, pleas	e ask them
-		, , , ,			
User ID *					
Name	1				
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Org.Unit					
Telephone					
Email					
Comments					
Role	USER .				
Active	R				
Lines on short activity	report 10				
Mandatatory fields	are signalled by an asterisk •				

Create Cancel

The password cannot be entered by the Administrator. The absence of a password will restrict the new user to the Maintain Account, Log off and Help menu entries, effectively forcing them to select a password if they wish to transfer datafiles to Eurostat.

The additional information can be used to locate users when they need to be contacted for matters concerning the eWA. Remember it will not be sent to the Eurostat eDAMIS server and hence cannot be restored in the same way as the Dataset History can be restored.

14. User Deletion

When an account is no longer used, the safest approach would be to delete it. Deleting an account does not delete the actions recorded against the account, so the history remains intact. It does however unlink the account from the Statistical Domains.

The account to be deleted can be selected from the drop-down box:

Users		Metad	ata	Management
	Us	er d	eletion	
	Delete	User ID	Stefaan	
	V	alidate	Cancel	

Once the account has been selected, clicking the Validate button brings up the Confirmation screen:

ecc-s4 > Us	ers > Delete	1.1.1.			U	ser: Adminis	trator (eurostat-1 OK at 2005-12-15 00:52:05
ind Datafile	Receive Datafile	Action History	Users	Metadata	Management	Log off	Help	
			Con	firm User de	eletion			
Use	ar ID	Stefaan						
Pas	sword							
Ner	me	Portal_first						
Sur	name	Portal_last						
Add	dress	Portal_postal_a	ddress					
Org	ganisation	Portal_organisa	tion					
Org	g.Unit	Portal_org_unit						
Tele	ephone	Not Set						
Emi	ail	Portal_email					_	
Cor	mments	Created by eDA	MLS Portal					
Rol	a	USER						
Acti	ive	yes						
Line	es on short activity rep	ort 0						
				Delete Cance				

Press the Delete button to delete the user account, or Cancel to abort the process. Selecting any menu entry will also abort the user deletion operation.

15. Update User Account

The Administrator can change the user name of the account (something the user herself is unable to do), and can also change the role of the account from ADMIN to USER and vice-versa.

The account to be updated can be selected from the drop-down box:

Users		Metad	ata	Management
	User	Man	ageme	nt
	Select U	ser ID	Stefaan	•
		Select	Cancel	

An alternative to selecting the user from the drop-down box is to click on the user name in the user list (from the Users |List menu entry).

Once the account has been selected, clicking the Validate button brings up the Update screen:

e Receiv	e Datafile	Action History	Users	Metadata	Management	Log off	Help	
			U	lser Manage	ment			
				IMPORTANT N	OTES:			
	1. This us Password	ier account was cr , cannot be chang	eated through ed locally, and	the eDAMIS Portal. T d all changes should t	he user information it one effected through the	contains, apa Portal	rt from the	e
Δ	The para Use the "	meters (Role, Stat Reset Password* b	us and Lines o utton to set an	on short activity report empty password so t) can be changed as r hat a user who has los	equired. st his passwo	rd can log	3 an
	agan. 2. As lon unavailat	g as the password le.	remains empt	y, the Send Datafile, a	Action History and Rec	eive Datafiles	function	s are
User ID		Stefaan						1
Password *		******						
Confirm Pas	sword *							
Name		Portal first						
Sumame		Portal last						
Address		Portal_postal_a	ddress					
Organisation		Portal_organisat	san					
Org.Unit		Portal_org_unit						
Telephone		Not Set						
Email		Portal_email						
Comments		Created by eDA	MIS Portal					
Creator		PORTAL.	and the second					
A set to be a set of the set of t		USER .						
Role		17						
Role Active								
Role Active Lines on short	activity rep	ort 0						

Press the Update button to update the user account.

Please note the facility to set the number of lines on the Short Action History, the role of the user as well as the activity status. Users that haven't got the "Active" checkbox checked cannot log on to the eWA.

16. Show logged-on Users

This form displays a dynamic list of the users currently logged on to the eWA.

***** * * eu	rostat 🔥	eDAMIS · Web	Application		eDAMIS Help Co	entre
> Users > Show	/ Logged-on Users	About	User: Administrator	lu-arhs-stadium	OK at 1970-01-01	01:00:00
Send Datafile 🕩	Receive Datafile 🕨	Action History 🕨 Users	🕨 Metadata	▶ Managen	nent 🕨 Log off	Help
		Users Curr	ently Logged-on			
User Name	e System	On since	Last used	Idle (seconds)	Auto logoff in	
Administrate	or 192.168.1.119	2009-11-23 14:58:51.277	2009-11-23 14:58:56.136	0	10800 Log	off
Refresh rate	e: 30 seconds	Change				
show users.tmpl						top

By default, the display updates every 30 seconds. To change the frequency, type the number of seconds in the "Refresh rate" field and press the Change button.

The table shows the date and time the user logged on, the time and date of last activity, the number of seconds the user has been idle, and the number of seconds remaining before the automatic log off will take place. The user can be forcibly logged off by pressing the Logoff button.



IMPORTANT NOTE:

Any work in progress (such as uploading files for transmission) will be interrupted and cannot be recovered. This option should only be used to allow a user to log in again after a browser crash has interrupted the eWA login session.

You might want to use the Logoff button to log off a user who has lost her browser session, and needs to log in again.

The Allow user login when already logged in parameter determines whether a user can log in a second time. If not checked, when a user is already logged on and tries to log on a second time, the following message is displayed:

> Login (Error)		
User Stefa	an already logged in	

Only one login session per user is allowed. You will be returned to the login screen in a few seconds, if not please click this link.

When the option is checked, or when the user has the Administrator rele, she can always log in, even when there's already an active session. The warning above applies fully to users logging in a second time, in other words, all "Send Datafiles" work in the existing session will be irretrievably lost.

17. The Metadata Menu

5 - Web	Appl	ication		-arbc-ctar
ry ⊫ Users	ic Usei ▶	Metadata	10	Manager
		Server List		
sers Curr	ently	Domain List		
		Dataset List		
since	L	Timing List		e (second:
15:17:17.865	2009-11-	23 15:25:08.268		

The Metadata menu entry gives access to the following forms:

- Server List
- Domain List
- Dataset List
- Timing List
- GESMES Mapping

eWA can communicate with several STADIUM/eDAMIS servers, based on the information it receives from these servers. eWA uses STATEL for these communications. Please refer to the STATEL documentation and the support desk for information on configuring STATEL if the destination SNN is not the default "eurostat-1".

eDAMIS Domains are groupings of related Datasets. In eWA, they are the basis for assigning Datasets to specific users.

Datasets are the basic "unit" of classification. Statistical data is attributed to a dataset, and is further specified through the Year and Period metadata.

The Timing List displays all the periodicities used by the dataset available on the eWA.

The GESMES Mapping table shows the correspondence table between eDAMIS Domain/Datasets names and GESMES segment attributes. Please note that the need for this table will disappear once full convergence between GESMES and eDAMIS has been achieved.

18. Metadata: Servers

This screen shows the servers this eWA installation is communicating with. Different servers can be installed on the same STATEL Nick Name (SNN), and eWA can communicate with any number of eDAMIS servers, either using the same or different SNNs.

eu-estattc-6 > M	letadata > Server	List	ete et				User: Adminis	trator	eurosta	t-1 OK a	t 2007-0	2-08
Send Datafile +	Receive Datafile	Action History >	Users		Metadata	٠	Management >	Log of	Hel	p		Sec. 2.
				S	ierver List							
		Server	name		Description	l	SNN					
		EUROSTAT	() ()	Eurostat	TEST environment	8	eurostat-	1				

The information is obtained from the Reference Base messages (SRR) sent to the eWA by the eDAMIS or STADIUM servers, and cannot be changed.

19. Metadata: Domains

Statistical Domains are collections of related Datasets. Domains can contain both "Producer" and "Consumer" Datasets. A Domain can be assigned to an eWA user, who can then transmit the "Producer" Datasets to Eurostat, and receive the "Consumer" Datasets through the Receive Datasets form.

Users with Administrator role are able to send all the Producer Datasets known to the eWA, but receive only those Consumer Datasets they have been specifically associated with.

Domain List

Server	Domain	Label	Country	Institution	Key	Users
EUROSTAT	FCMETZ	A1-ARHS organisation-5 zero	A1	ааа		gautce
TEST	EOLE	LU-SOGETI-label pet	LU	aaa		ber3epas, ber4epas, ber5epas
TEST	EDAMIS	Test 2008-09	LU	SOGETI		
AGRICULTURE	<u>PKEY</u>	DG AGRI - P.C. of Mr. Bektore - Test STADIUM4	FR	PKEY	٣	
AGRICULTURE	RAIL	DG AGRI - P.C. of Mr. Bektore - Test STADIUM4	FR	RAIL		
AGRICULTURE	SSTSSERV	DG AGRI - P.C. of Mr. Bektore - Test STADIUM4	FR	SSTSSERV	٣	
AGRICULTURE	STSSERV	DG AGRI - P.C. of Mr. Bektore - Test STADIUM4	FR	STSSERV	٣	

19.1. Associating Domains with Users

Please note that this function is only available when eWA is used in Compatibility mode. In Portal mode, users are associated with Domains through the Portal. Using the Portal, the Administrator can associate Datasets with users. These definitions are sent to the eWA, which makes these Datasets available for transmission or reception

To associate a Domain with a User, click the Domain name in the Domain List. The following form is shown:

Domain Administration: Users

Domain Name: EU	ROSTAT
Assigned to	Confirm
Kleinarl	Delete
Stefaan	Delete
unassigned 🕑	Add

The users already associated with the domain are displayed, together with a drop-down list to select additional users from.

To delete an existing association, simply press the Delete button next to the user name.

20. Metadata: Datasets

This screen shows a list of the eDAMIS Datasets registered for this eWA.

Country	Institution	Domain	Dataset name	Description	Periodicity	Starting year	Confidential	Validation	Purpose
LU	aaa	EOLE	EOLE2 PET M		MONTHLY	1967	N	N	Р
LU	aaa	EOLE	EOLE PET M		MONTHLY	1967	N	N	Р
LU	aaa	EOLE	EOLE VENT A		ANNUAL	1967	N	N	Р
LU	SOGETI	EDAMIS	EDAMIS AS AS	(managed by kERNEL)	FIVEYEARLY	1967	Y	N	Р
FR	PKEY	PKEY	<u>PKEY A A</u>	CSV Format File following regulation 2390/1999 [Detailed Payment Data]	ANNUAL	1967	Y	N	Ρ
FR	PKEY	PKEY	<u>PKEY B A</u>	CSV Format File following regulation 2390/1999 [Detailed Payment Data]	ANNUAL	1967	N	N	Ρ
FR	PKEY	PKEY	<u>PKEY SSVALID A</u>	CSV Format File following regulation 2390/1999 [Detailed Payment Data]	ANNUAL	1967	Y	N	Ρ
FR	RAIL	RAIL	<u>RAIL A M</u>	CSV Format File following regulation 2390/1999 [Detailed Payment Data]	MONTHLY	1967	Y	N	Ρ
FR	RAIL	RAIL	<u>RAIL B M</u>	CSV Format File following regulation 2390/1999 [Detailed Payment Data]	MONTHLY	1967	N	N	Ρ
FR	RAIL	RAIL	<u>RAIL SSVALID M</u>	CSV Format File following regulation 2390/1999 [Detailed Payment Data]	MONTHLY	1967	Y	N	Ρ
FR	SSTSSERV	SSTSSERV	SSTSSERV TURN Q	CSV Format File following regulation 2390/1999 [Detailed Payment Data]	QUARTERLY	1967	Y	N	Ρ
FR	STSSERV	STSSERV	STSSERV TURN Q	CSV Format File following regulation 2390/1999 [Detailed Payment Data]	QUARTERLY	1967	Y	N	Ρ

Dataset List

The list is derived from the messages sent by the eDAMIS server to the eWA, and cannot be edited. Please note that Consumer Datasets (labelled with 'C' in the "Purpose" column) are not available for data transmission to Eurostat.

20.1. Dataset History

By clicking on the Dataset name, an overview of the Data Transmission activity for this Dataset is accessed. Consumer datasets show only the receive actions, Producer datasets show the Collect and Acknowledgement actions.

0	eurostat	🔶 eDAMIS · Web .	Appl	ication					edamis	Help Centre
lu-arhs-ewa: Send Datafil	1 > Dataset Histo	ry > RAIL > RAIL_A_A	Þ	Metadata	About User: A	dministrator	lu-arhs-stat Hein	lium OK at	2009-0	5-18 15:31:5
			Datase	t History: (RA	IL) RAIL_A_A					
Туре	User	Date	Col.ID		Datafile name	Year	Period	Size	Encr.	Status
COLLECT	Administrator	2009-05-18 15:32:07.281		RAIL_A_A_FR	_2007_000x.txt	2007	3	35		Prepared
COLLECT	Administrator	2009-05-18 15:31:50.421		RAIL_A_A_FR	_2007_0002.txt	2007	2	38		Sending
COLLECT	Administrator	2009-05-18 15:14:17.546		RAIL_A_A_FR	_2007_0001.ges	2007	1	1417		Sending
datasetHistoryList	t.tmpl									top

Please note that the Dataset history is also available through the Action History screens.

21. Dataset History

This screen shows an overview of the Data Transmission activity for a particular Dataset.

21.1. Producer Datasets

Producer datasets show the Collect and Acknowledgement ("RECV_SRA") actions as shown below.

***									e	DAMIS Help Centre
	eurostat	eDAMIS · Web	Арр	lication						
ı-arhs-ewa1	> Dataset Histor	y > RAIL > RAIL_A_A			About User: A	Iministrato	lu-arhs	-stadium (DK at 20	09-05-18 15:48:0
end Datafile	Receive Data	afile 🕨 Action History 🕨 Users	,	Metadata	Management	► Log off	Help			
			Datas	et History: (RAIL)	RAIL_A_A					
Туре	User	Date	Col.ID	Datafile	name	Year	Period	Size	Encr.	Status
COLLECT		2009-05-18 15:48:01.89				NA				Acknowledged
>	*NOT LOCALLY T	'RANSMITTED*: Created by unexpe	cted SRA							
RECV_SRA		2009-05-18 15:48:01.89				NA				>
>	Acknowledgeme	nt for a Datafile not sent by this in	stallation							
COLLECT	Administrator	2009-05-18 15:32:07.281		RAIL_A_A_FR_2007	_000x.txt	2007	3	35		Sending
COLLECT	Administrator	2009-05-18 15:31:50.421		RAIL_A_A_FR_2007	_0002.txt	2007	2	38		Sending
COLLECT	Administrator	2009-05-18 15:14:17.546		RAIL_A_A_FR_2007	_0001.ges	2007	1	1417		Sending
datasetHistoryList.tr	mpi									to

The Coll.ID (Collection ID) column shows the unique ID assigned by the eDAMIS server to the dataset. Notice how the error and warning messages from the server are shown below the COLLECT and RECV_SRA lines. The presence of such errors or warnings is signalled by the --> symbol in the Status column of the RECV_SRA line.

21.2. Consumer Datasets

Consumer datasets show the Receive actions ("RECEIVED" and "RECV_SRN").

***** *****	eurostat 🔥	eDAMIS · Web	Applicat	ion				eDAMIS Hel	p Centre
lu-arhs-ewa1	> Dataset History >	> 009 > 1-X-TABLE-DATA		About User: /	Administrator	lu-arhs-sta	dium OK at 21	009-05-:	18 15:53:21
Send Datafile	Receive Datafile	e 🕨 Action History 🕨 Users	Metad	lata 🛛 🕨 Management	t ⊫ Logoff	Help			
			Dataset History:	(009) 1-X-TABLE-DATA					
Туре	User	Date	Col.ID	Datafile name	Year	Period	Size	Encr.	Status
RECEIVED	Administrator	2009-05-18 15:55:21.75		OriginialFileName2.txt	1998	1	90489		O.K.
RECEIVED	Administrator	2009-05-18 15:16:38.203		OriginialFileName.txt	1998	1	90489		O.K.
datas et History List. tu	pl								top

RECV_SRN messages inform the receiving eDAMIS client that a Datafile is available for a particular user. The datafile can be received directly by the eWA, or could be made available for download via the eDAMIS Web Portal. The eWA automatically distributes incoming data files to the users associated with the Consumer Domain. If no users are associated, the files are made available to all the users with ADMIN rights.

22. Display GESMES Mapping Table

The GESMES Mapping table shows how eWA will translate the information located in the GESMES header to eDAMIS Domain and Dataset names. The following information is obtained from the GESMES header:

- DSI: The unique identifier of the dataset
- NAD+MS: Issuer of a document and/or sender of a message.
- NAD+Z02: Codelist responsible organisation

This information is then used to locate the corresponding eDAMIS Domain and Dataset name.

eceive Datafile Action	History + Users	 Metad 	inta 🛛	lanagement > Log off	Help
	GESN	1ES Domai	r List in List		
eD	AMIS	Datase	et List	ESMES	
Dataset Group	Detaset	NATIMING	y List	NAD_M5	
MK-NBRM-NA	CARD5_EXR1	ECT GESME	ES Mappings	MK2	
CB_ECB_IRS1	EC8_IRS1	EC Validat	tion 🔸	4F0	
C8_EC8_D01	ECB_DD1	ECB	ECB_DD1	4F0	
SE-SRB-BOP	BOP_EUR_Q	ECB	BOP_EUR	SE2	
CB_ECB_EXR	ECB_EXR1	ECB	ECB_EXR1	4F0	
CB_ECB_EXR	ECB_EXR1_M	ECB	ECB_EXR1_M	4F0	
CB_ECB_MIR	ECB_MIR1	ECB	ECB_MIR1	4F0	
FI_BOF_BOP	BOP_EUR_Q	ECB	BOP_EUR	FI2	
CB_ECB_SEC	ECB_SEC	ECB	ECB_SEC	4F0	
CB_ECB_BISOR	BIS_OR	ECB	BIS_OR	4F0	
CB_ECB_FMD2	ECB_FMD2	ECB	ECB_FMD2	4F0	
PL-GUS-STS-IND	STSIND_PROD_M	EUROSTAT	STS-IND-PROD	-M PL-GUS-STS-IND	
PL-GUS-STS-IND	STSIND_PROD_M	EUROSTAT	STS-IND-PROD	-M PL1	
PL-GUS-STS-IND	STSIND_ORD_M	EUROSTAT	STS-IND-ORD-	M PL1	
PL-GUS-STS-IND	STSIND_TURN_M	EUROSTAT	STS-IND-TURN	-M PL1	
PL-GUS-STS-IND	STSIND_ORD_M	EUROSTAT	STS-IND-ORD-	M PL-GUS-STS-IND	
PL-GUS-STS-IND	STSIND_TURN_M	EUROSTAT	STS-IND-TURN	-M PL-GUS-STS-IND	
TH ATT ATT ATT	CTOCCUL THINK M	DIDOCTAT	CTTC CTTCAL THE	ALM TT CTTT CTT CTTN	

Please note that the GESMES Mapping menu item is only available when the GESMES mapping table has been sent by Eurostat. The mapping table is not site specific, in other words all known eDAMIS to GESMES mappings are contained in the table, not just those relevant to the datasets for a particular organisation or installation.

23. Parameter Management

This form is used to set the parameters that control certain aspects of the eWA.

Parameter Management

General Information									
Client Name	Not Set								
Location	Not Set								
Contact email address	Not Set								
Directory and File location	ns								
Base USER Directory (empty=user)	user								
ARRIVAL Directory	ARRIVAL								
EDI Directory	EDI								
Datafile Save Directory (change requires shutdown and restart)	SAVED								
Delete saved sent datafiles upon Acknowledgement									
SRA Directory (empty=deletion of the SRA files)									
Save received datafiles									
Log File (change requires shutdown and restart)	log/ewa.log								
Non-acknowledged Transmissions File (change requires shutdown and restart)	log/collect.status								
Database Directory (empty=data)									
Receive all files for the organisation									
Message structure									
Place datafile in ZIP archive									
User Interface behaviou	r								
History lines on login	5								
Inactivity timeout (seconds)	10800								
Allow user login when already logged in									
Display "Received datafiles" first									

There are five main areas:

- General Information
- Directory and file locations
- Message Structure
- User Interface behaviour
- System Parameters

23.1. General Information

The settings in this section are informational only, but they help the users identify the eWA installation they are connecting to.

Element	Description
Client Name	The name of the eWA installation
Location	The location where the eWA is installed. Useful if there is more than one eWA installation in the organisation
Contact email address	The email address of the person responsible for the day-to-day management of the eWA. The address will be shown in a clickable format on the login form.

23.2. Directory and file locations

The eWA uses directories to store the files it collects and receives. Each user has her own subdirectory which is also the departure subdirectory where files can be placed for semiautomatic transmission to Eurostat, an arrival subdirectory where files arriving from Eurostat are kept pending their retrieval by the user, an EDI directory, where files can be placed for fully automated transmission to Eurostat.

Element	Description
Base USER Directory	The base directory under which all the user directories are created. By default, it resides in the eWA directory, but it can be relocated if desired. Using a networked drive is not supported , but it can of course be shared/exported without problems.
ARRIVAL directory	The eWA can also be used to receive files from Eurostat, and this user subdirectory is used to store these files until they are retrieved by the user through the Receive Datafiles form.
EDI directory	This user subdirectory is used to transmit GESMES, SDMX-ML or Dataset Naming Convention compliant datasets without any user intervention (full EDI mode).
Datafile Save Directory (change requires shutdown and restart)	The directory where eWA will store temporary or permanent copies of the datafiles that have been sent.
Delete saved sent datafiles upon Acknowledgement	When set, saved copies of the datafiles will be deleted when an acknowledgement is received. If unchecked, the copies remain in the Save Directory until deleted by the user.
SRA Directory	When set, save copies of the SRA files (acknowlegments) received by eWA after they have been processed. It allows another application to detect automatically when the files sent are acknowleged.
Save received datafiles	When set, save copies of the received datafiles in the defined Datafile Save Directory
Log file	If empty, the log is sent to the standard output (ie the console from which the eWA was started). It is strongly suggested to use a file for logging purposes, so that it can be sent to the support team for analysis if required. The log level (see below) determines the type of data logged to the file.
Non-acknowledged Transmissions File	This file will contain the list (in CSV format) of the datafiles that have been transmitted but have not been acknowledged. The file can be used to perform external actions based on these non-acknowledged files. The file contents are refreshed every 20 seconds.
Database directory	By default (a good choice) the subdirectory "data" of the eWA installation directory is used to hold the database files. When

	required (like in configurations where the installation directory is not writable), it can be relocated to another file system. Networked file systems are not supported for the eWA database.
Receive all files for the	When set, the administrators will receive all the files received
organisation	by the organisation.

23.3. Message Structure

This section determines how eWA will structure the data message (SD8).

Element	Description
Place datafile in	If activated, the data will always be placed in a ZIP archive ("ZIP
ZIP archive	file") before it is copied to the SD8 message.

23.4. User Interface behaviour

This section is used to customise a few aspects of the user interface. Some of these parameters are also accessible at user level (see the User Creation page).

Element	Description
History lines on login	When a user logs in, or selects, the short Action History report, it is limited to the number of lines defined here. The user can select a suitable value herself, which then overrides this setting.
Inactivity timeout (seconds)	When the user interface is idle for this number of seconds, the user is automatically logged off. By default it is set to 10800 seconds or 3 hours.
Allow user login when already logged in	Users who are already logged on can either be denied subsequent logins, or when this option is cheched, they can log in a second time. When they do so, the previous session is terminated (in other words, they cannot perform different transfers from multiple workstations).
Display "Received datafiles" first	The Action History reports show the Transmitted Datafiles first. If the eWA is used mainly to receive datasets, this flag can be checked to display the received datasets first.
Return to Login on Logoff	If activated, eWA will automatically display the login screen after a user has logged off.
Show Grouped Portal Domains	If this option is checked, the Domain information received from the eDAMIS Portal will be grouped in the Domain report.
eWA Host Name or IP address (if not in DNS)	This field will be used to generate the URLs. If the eWA server is not in the DNS or behind a router this field makes it possible to generate working URLs

23.5. System Parameters

These are low-level parameters that do not normally need changing.

Element	Description
STADIUM Base (in STATEL)	This parameter determines the name of the STADIUM subdirectory in STATEL. This feature is provided to support the use of eDAMIS by other origanisations, and the default value should not be changed.
Country	The code of the country where the eWA is installed. This field has to be completed or eWA refuses user logins apart from the Administrator, who has to complete this field before any other activity is allowed.
Organisation	The initials of the organisation where the eWA is installed. This field has to be completed or eWA refuses user logins apart from the Administrator, who has to complete this field before any other activity is allowed.
Client ID (local SNN)	This field can be used to set the local SNN (STATEL Nick Name) if required. The arrival of the first message from Eurostat will set it automatically.
Transaction	This is an informative field that gives the eWA transaction number. Every action and message results in a transaction; this number is added to the messages sent to the server as a reference.
TCP/IP port (change requires restart)	By default, the web server of the eWA operates on port 8181. To change it (for example to the standard value of 80 if no other web server is running on the eWA system) enter the new value in this field and restart the eWA.
Debug Level	This value (normally zero) determines the volume of logging produced by the eWA. Please do not change it unless specifically instructed by the support team.
Log File size	When the log file (see above) exceeds this size, it is backed up and a new log file is started. Please allow sufficient space for the log file as it might contain information on errors and bugs.

23.6. Other information

The Parameters form also contains the eWA version number, the installation date, and the date the parameters were last modified. Please supply this information to the support team when requested.

24. Validation Module Management

24.1. Validation Plug-ins

eWA supports plug-in Validation Modules. Multiple modules can be active simultaneously, and can be designed to support specific file formats. Modifications to these files are directly integrated in eWA at run time, and new modules can be installed without restarting eWA. Replacing or upgrading active modules might require a restart.

24.2. Eurostat Validation Module Management

**** *_** eu	rostat 🔥	eDAMIS · Web A
> Management	> Validation > EVE	
Send Datafile 🕨	Receive Datafile 🕨	Action History 🕨 Users
eVE root directory	C:\Eurostat\eV	WA\valida;
temporary working	folder C:\Eurostat\eV	WA\valida
working system	DOS	
decimal point		
codelist folder	C:\Eurostat\e\	WA\valida
log folder	C:\Eurostat\e\	WA\valida
master log file	C:\Eurostat\e\	WA\valida
Update		

The Validation Module Management form is used to configure the external Eurostat Validation Engine (eVE) which is delivered with eWA. Please note that no Validation Specification files are included with eWA. These can be installed and updated automatically through the eDAMIS server (using the STATEL connection).

The eWA installer installs the Validation Module and configures it, so this form is only required when another version of the Validation Module is installed, or the configuration needs to be changed.

24.3. Further Reading

For more information on automatic validation using eWA please refer to the manual for the Eurostat Validation Engine, which contains a chapter on the integration with eWA.

25. Shutdown

The eWA system needs to be shut down cleanly to avoid damage to the database. Press the Shutdown button to start eWA shutdown.

ttc-6 > Shutdown		10	User: Administrator e	urostat-1 OK at 2007-0
Datafile + Receive Datafile	Action History + Users	 Metadata 	Management + Log off	Help
	eDAMIS W	eb Applicatio	n SHUTDOWN	
	1	ATTENTION		
	This command w	vill shut down the eD	AM15 Web Application	
		Shutdown	·**	
_				
		IMPORT	ANT NOTE:	
P	lease note that t	he users wh	o are still logged	on will not
be	e able to comple	ete the trans	fers they are work	ing on,
	ithout any warr	ning (there i	s no connection be	etween the
	WA server and	the user's bi	rowsers, and they	will only
re	ceive a messag	e that the se	erver cannot be con	ntacted
W	hen they press	the Add/Upo	date Datafiles (O r Perform
	constant hutto	ne or invol	e another action t	hat
T	alisters dullo	ins, or myor	another action t	inai

The Users |Logged-on menu option can be used to see which users are currently logged on, and how long they have been inactive. Unless the eWA needs to be shut down urgently, contacting these users to allow them to log off would be a wise idea.

**	* <u>.</u>	eDAMIS	Help Centre				
÷.,	eu 🥑	rostat	eDAMIS · We	b Application			
$> \mathbf{U}$	sers > Show	Logged-on Users	Abou	t User: Administrator	lu-arhs-stadium	OK at 1970-0	1-01 01:00:00
Send	Datafile 🕨	Receive Datafile 🕨	Action History 🕨 Use	rs 🕨 Metadata	▶ Managem	ient 🕨 Log of	ff Help
			Users Cur	rently Logged-on			
	User Name	System	On since	Last used	Idle (seconds)	Auto logoff in	
	Administrato	r 192.168.1.119	2009-11-23 14:58:51.27	7 2009-11-23 14:58:56.136	0	10800	Logoff
	Refresh rate	: 30 seconds	Change				
show u	sers.tmpl						top

26. Logging off

Once the dataset transfer activities have been completed, it is suggested to log off from eWA. Clicking on the log off menu entry will first display a confirmation dialog:

***_												eDAMIS	Help Cent	re
1 A	eur	ostat	t i i i i i i i i i i i i i i i i i i i	eDA	MIS	·Web	Applica	ation						
***					The pag	e at http://gack	:gr:8181 says:	B	Ľ					
lu-arhs-	ewa1 > Us	sers > S	how Logge	d-on l						-arhs-stadiu	m OK at	2009-0	5-18 1(5:03:41
Send D	atafile 🕨 I	Receive	Datafile 🕨	Action		Are you sure you	uwant to log off?			Manageme	nt 🕨 ㅣ	Log off	Help	
						OK	Cancel	1						
														1
	User Nam	ie -	System		On	since	Last u	ised	Idle	e (seconds)	Auto log	off in		
	Administrat	tor 192.1	L68.1.38	2009	9-05-18	15:42:47.046	2009-05-18 1	.6:06:21.25		0	1	10800 L	.ogoff	
			_											
	Refresh rat	:e: 30	second	s Ch	ange									
showusers.	tmpi													top

When the user clicks OK, eWA displays a goodbye message,



Thanks for using eDAMIS Client, Administrator!

Please $\underline{\operatorname{click}} \operatorname{this} \underline{\operatorname{link}}$ to return to the login screen.

and returns the user to the login screen if the Return to Login on Logoff option is set it the Parameters form. If this parameter is not set, the user needs to click the Click this link hyperlink to return to the login screen.

27. eDAMIS Web Application Components and License Information

Like many developments, eWA relies on a number of Open Source and Free Software packages. The author acknowledges his debt to all the fine people who have produced such excellent software and made it available under Free and Open Source licenses. He believes that their use in eWA complies with their respective licenses.

27.1. Jetty://

Jetty:// is a 100% Java HTTP server and Servlet Engine. Please refer to the the Jetty:// Website at http://www.jetty.mortbay.org/jetty/index.html for more details. Jetty:// is licensed under the Apache license, version 2.

27.2. HTML Templates

This is an excellent package that allows the use of template variables in HTML source code. As a result, the program can be HTML-free, and all the aspects of the program's look and feel are controllable without affecting the code. HTML Templates is Copyright (c) 2002 Philip S Tellis (philip.tellis At iname.com). Distribution is under the terms Artistic or GNU General Public Licence (for eWA the Artistic License has been selected). The URL for this package is http://html-tmpl-java.sourceforge.net/.

27.3. Bouncy Castle Crypto APIs

These are easy-to-use APIs for the inclusion of encryption facilities in Java programs. The Legions of the Bouncy Castle Website can be found at http://www.bouncycastle.org, and the license under which their software is released is the following: License

Copyright (c) 2000 - 2004 The Legion Of The Bouncy Castle (http://www.bouncycastle.org) Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all

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THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

27.4. HSQLDB

HSQLDB is a lightweight 100% Java SQL Database Engine. The license can be found at this location: http://hsqldb.org/web/hsqlLicense.html

27.5. Mckoi Database Engine

The Mckoi SQL Database is an SQL (Structured Query Language) Database management system written for the JavaTM platform. Mckoi SQL Database is optimized to run as a client/server database server for multiple clients, however it can also be embedded in an application as a stand-alone database. It is highly multi-threaded and features an extendable object-oriented engine. Mckoi is licensed under the FSF's General Public License version 2 (GPLv2). In order to comply with the terms of the GPL, the source code to Mckoi is available on simple request from: Stefaan.Eeckels@edamis.net. The Mckoi Website is located at http://mckoi.com/database/index.html.

27.6. Coolmenu

Coolmenu is a flexible Javascript menu generatore. It was written by Thomas Brattli, and is free to use if the copyright notices are included intact in the product. Here are these copyright notices:

27.7. XML Writer

XML writer is a Java class written by the author of the SAX XML parser, David Meggison. Please visit David's Download page to download the source code. XML Writer has been placed in the public domain, as per the file "COPYING" in the source distribution: XMLWriter IS FREE

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