

User Guide

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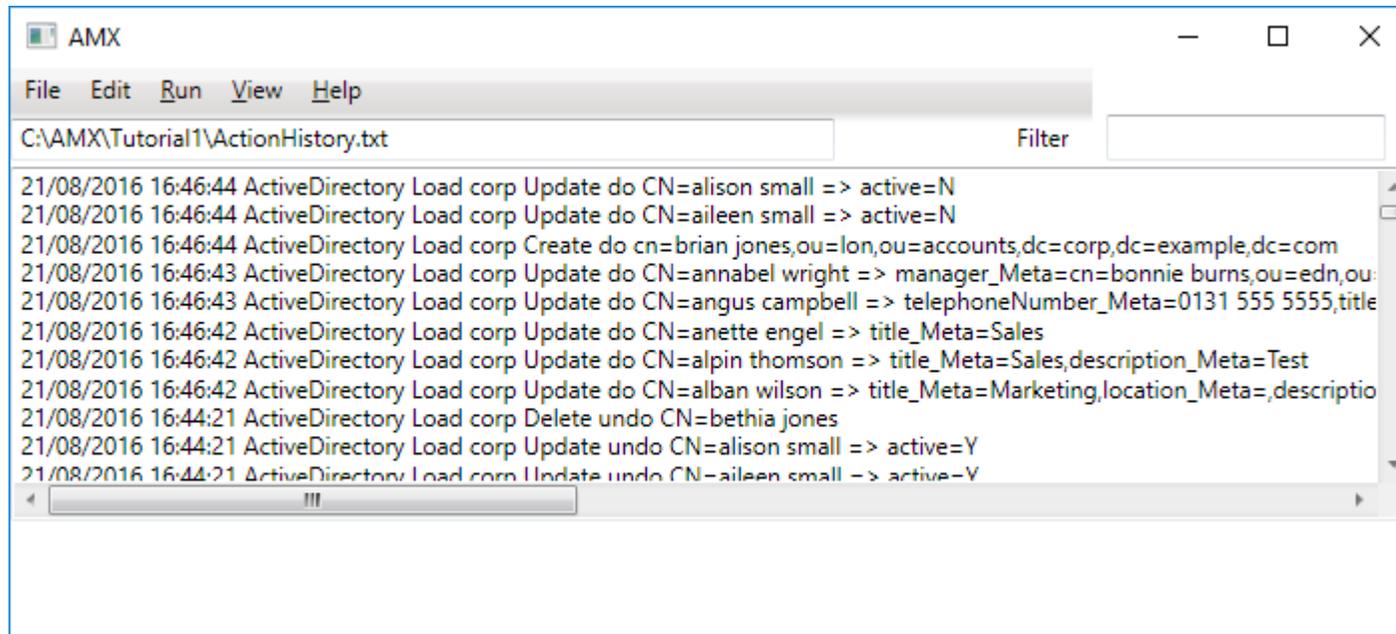
Introduction

The intended audience for this user guide is service desk personnel tasked with monitoring the AMX HR Driven account management identitySync processes running as scheduled tasks. The configuration and setup of the identitySync processes are not a user activity, and are done using other tools and the AMX Reference Document. Using the native Windows application AMXUser.exe, users can:

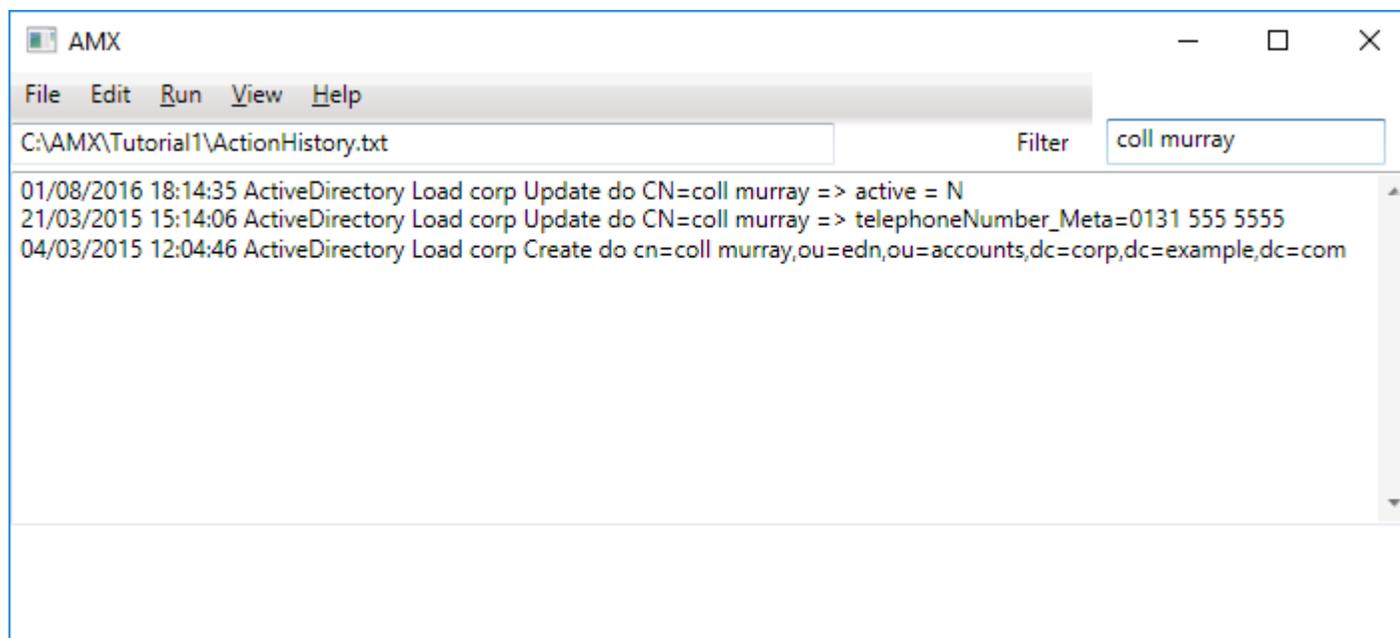
- View and filter the transaction history to find when an account was created, updated, disabled or deleted (moved a user to the recycle bin).
- View the last synchronization task result.
- View the next synchronization times.
- Open and view properties files that correspond to tasks, and then run them in information only, update, or undo modes.
- Open archived transaction files and undo or redo them.

View History

The History item in the View menu opens a file selection dialog which by default opens the ActionHistory.txt file containing the changes made by AMX identitySync with the latest at the top of the window.



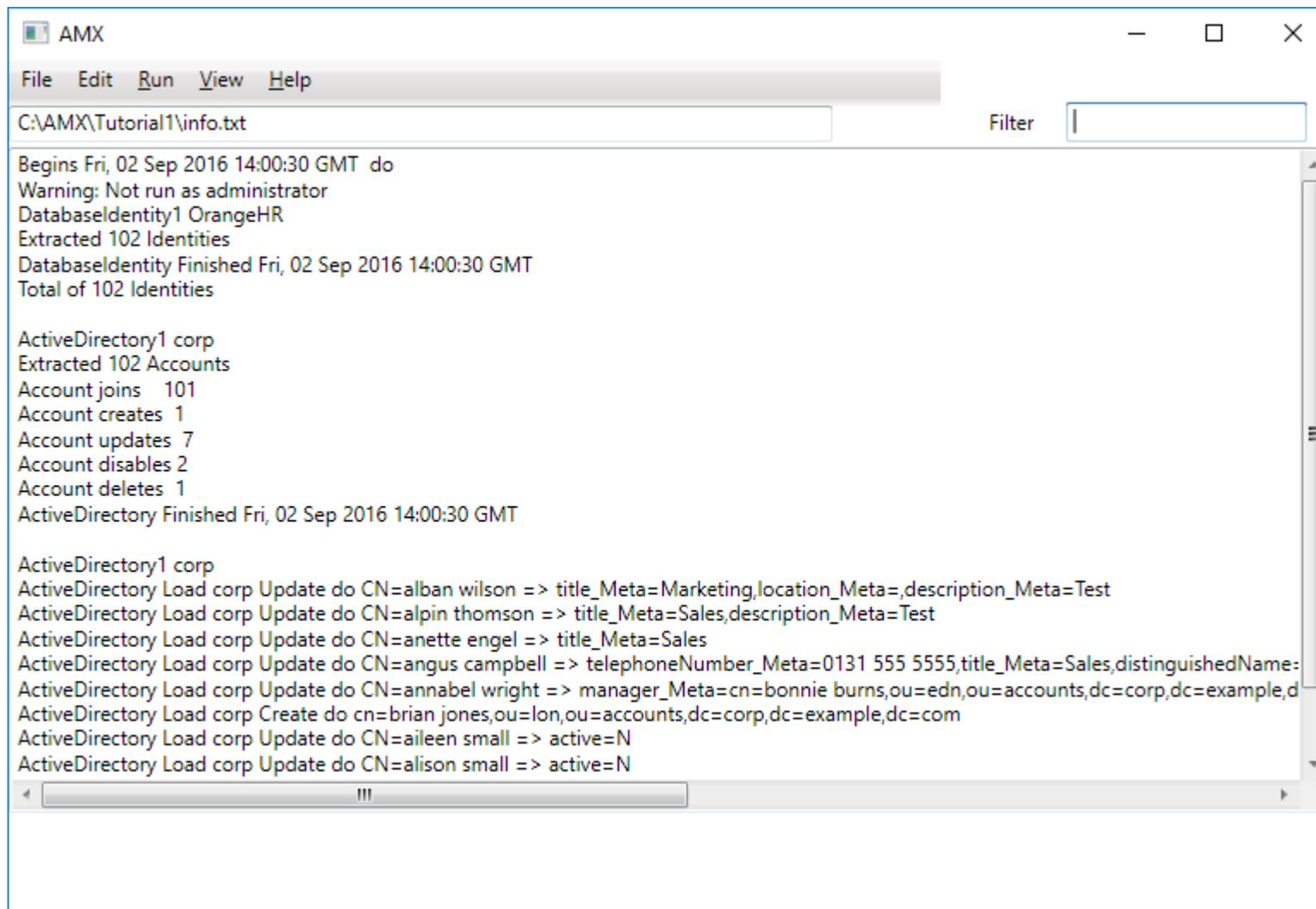
To find when a particular account was updated, enter a filter in the filter field and press enter or return.



This example shows that an Active Directory account was created for Coll Murray, it was later updated with a telephone number and then disabled a year later.

View Last

The Last item in the View menu opens a file selection dialog which by default opens the info.txt file containing a report of the changes made by AMX identitySync. This report is also emailed to the recipients defined in the identitySync properties file



AMX

File Edit Run View Help

C:\AMX\tutorial1\info.txt Filter

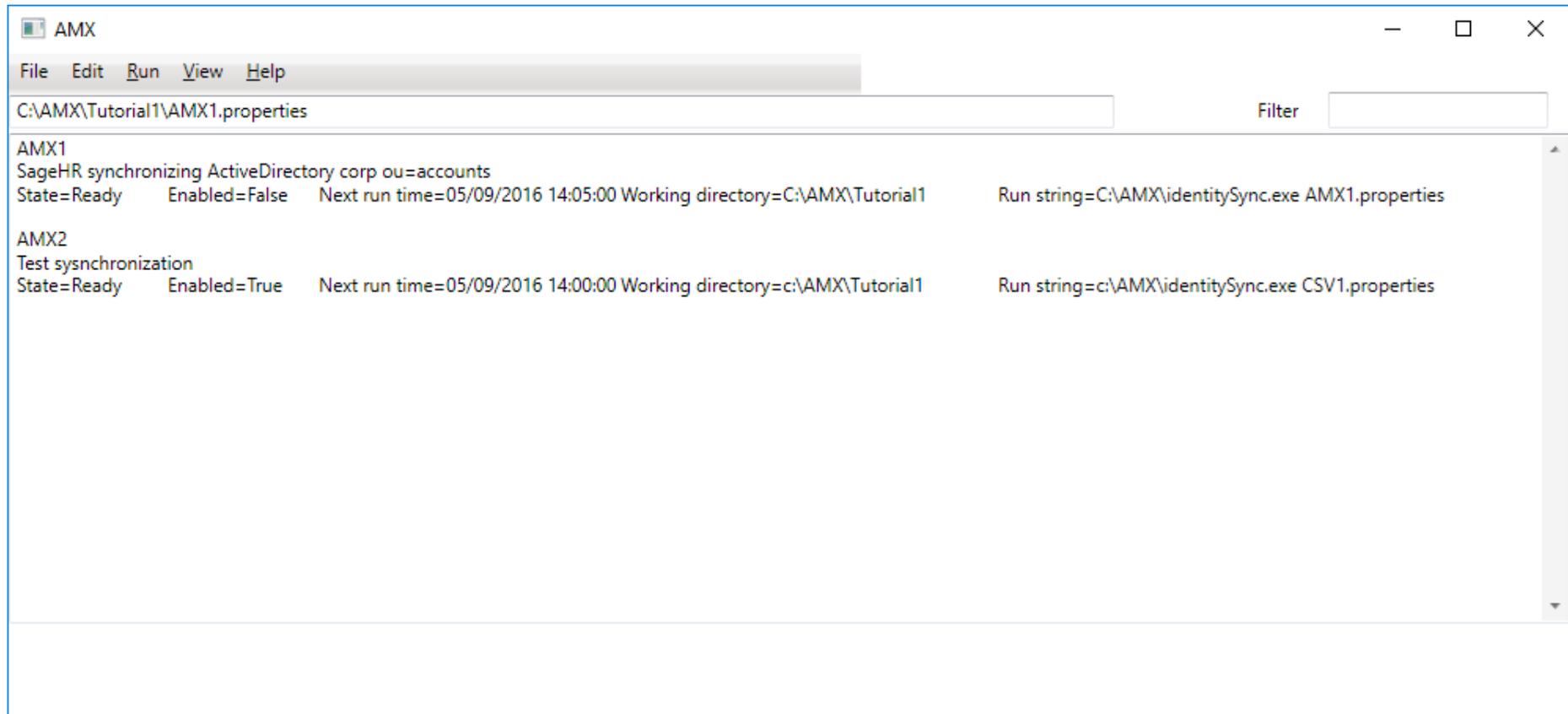
```
Begins Fri, 02 Sep 2016 14:00:30 GMT do
Warning: Not run as administrator
Databaseldentity1 OrangeHR
Extracted 102 Identities
Databaseldentity Finished Fri, 02 Sep 2016 14:00:30 GMT
Total of 102 Identities

ActiveDirectory1 corp
Extracted 102 Accounts
Account joins 101
Account creates 1
Account updates 7
Account disables 2
Account deletes 1
ActiveDirectory Finished Fri, 02 Sep 2016 14:00:30 GMT

ActiveDirectory1 corp
ActiveDirectory Load corp Update do CN=alban wilson => title_Meta=Marketing,location_Meta=,description_Meta=Test
ActiveDirectory Load corp Update do CN=alpin thomson => title_Meta=Sales,description_Meta=Test
ActiveDirectory Load corp Update do CN=anette engel => title_Meta=Sales
ActiveDirectory Load corp Update do CN=angus campbell => telephoneNumber_Meta=0131 555 5555,title_Meta=Sales,distinguishedName=
ActiveDirectory Load corp Update do CN=annabel wright => manager_Meta=cn=bonnie burns,ou=edn,ou=accounts,dc=corp,dc=example,d
ActiveDirectory Load corp Create do cn=brian jones,ou=lon,ou=accounts,dc=corp,dc=example,dc=com
ActiveDirectory Load corp Update do CN=ailen small => active=N
ActiveDirectory Load corp Update do CN=alison small => active=N
```

View Next

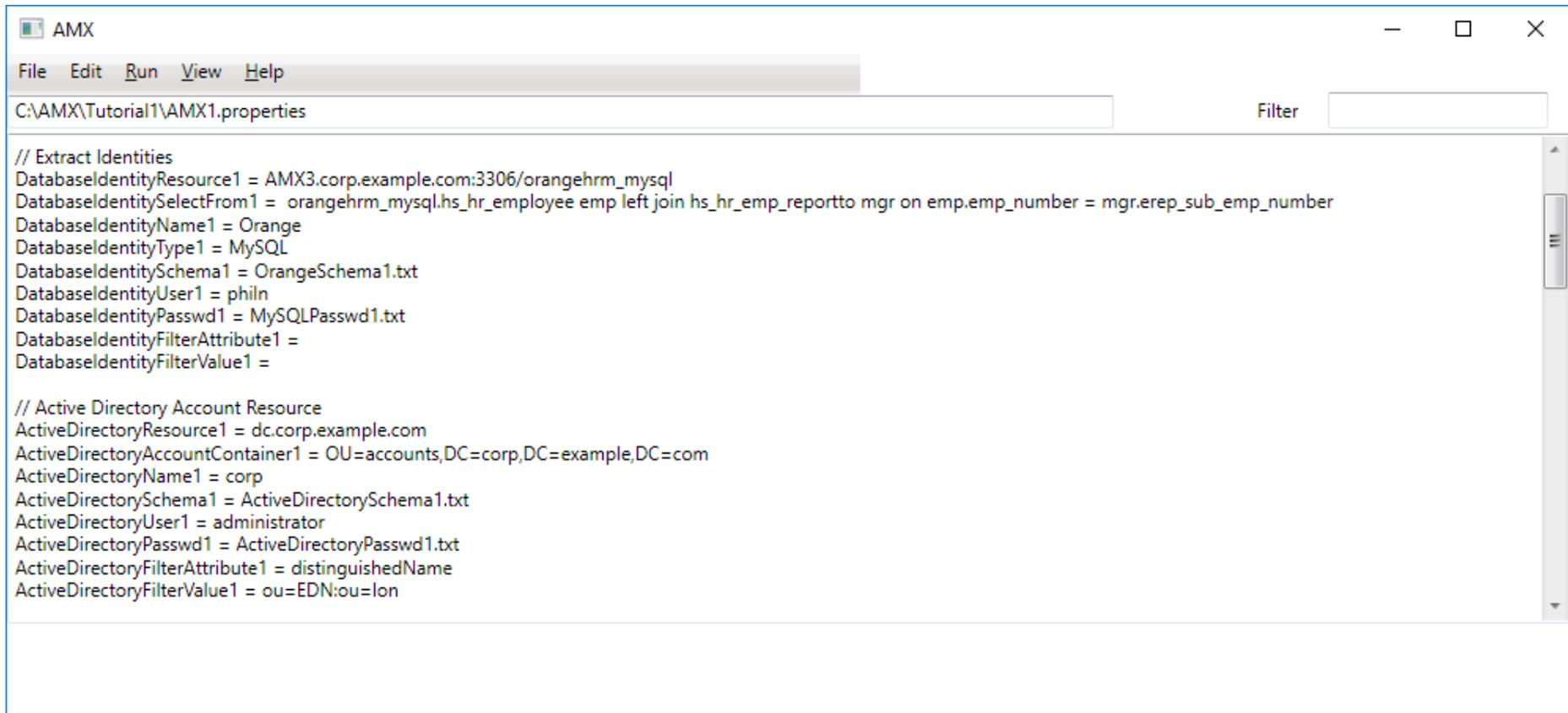
The Next item in the View menu shows the AMX tasks that are next scheduled to run on the system.



The state may show Running or Ready, where ready means idle and able to run when required. When Enabled is true the Next run time is the time that the task will run. The task is shown in the Run string.

Open Properties File

The Open Properties item in the File menu will open and display a properties file. The properties file can be reviewed but not changed and can be used to immediately run or undo a synchronization task. For example to open the properties file of the task AMX1 above:

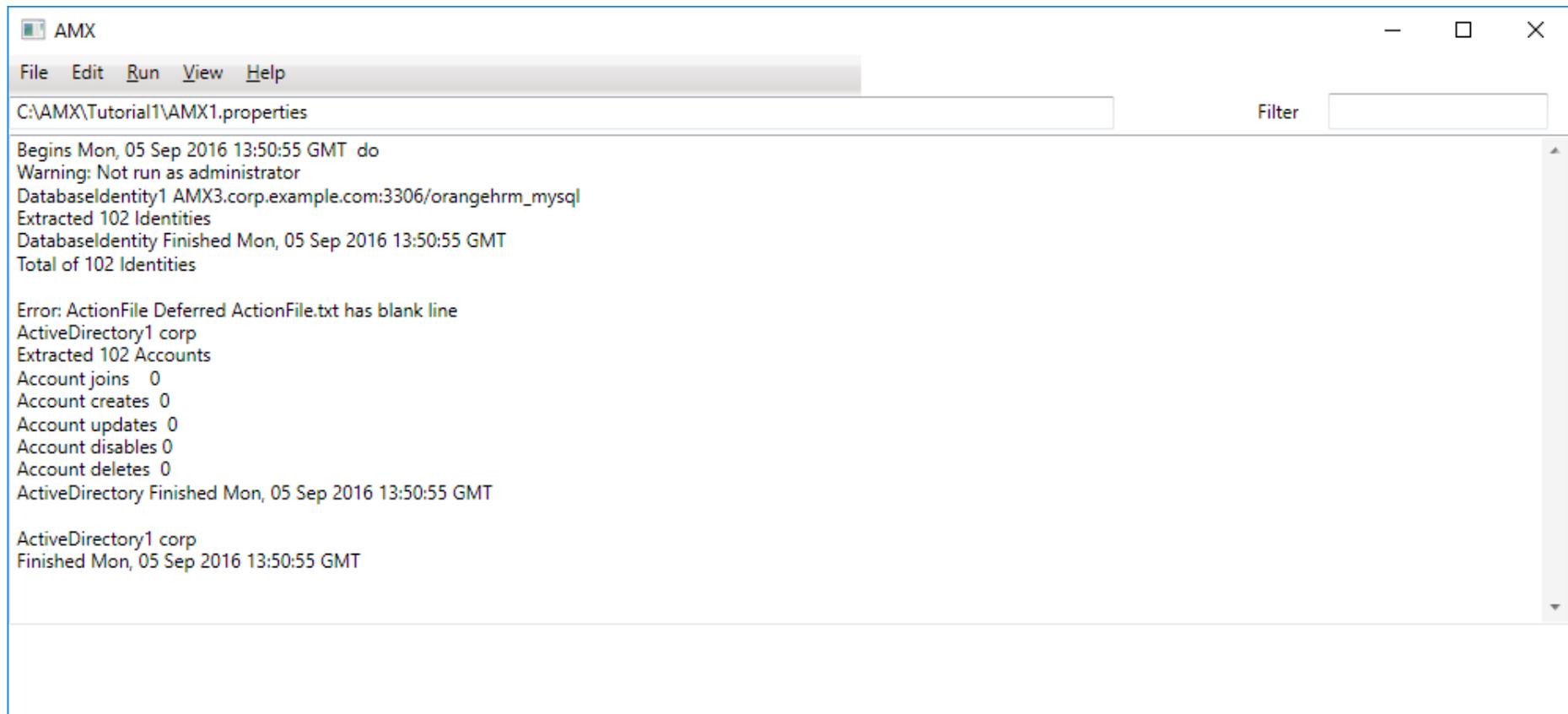


The screenshot shows a window titled "AMX" with a menu bar containing "File", "Edit", "Run", "View", and "Help". The address bar displays the file path "C:\AMX\Tutorial1\AMX1.properties". The main text area contains the following configuration:

```
// Extract Identities
DatabaseldentityResource1 = AMX3.corp.example.com:3306/orangehrm_mysql
DatabaseldentitySelectFrom1 = orangehrm_mysql.hs_hr_employee emp left join hs_hr_emp_reportto mgr on emp.emp_number = mgr.erep_sub_emp_number
DatabaseldentityName1 = Orange
DatabaseldentityType1 = MySQL
DatabaseldentitySchema1 = OrangeSchema1.txt
DatabaseldentityUser1 = philn
DatabaseldentityPasswd1 = MySQLPasswd1.txt
DatabaseldentityFilterAttribute1 =
DatabaseldentityFilterValue1 =

// Active Directory Account Resource
ActiveDirectoryResource1 = dc.corp.example.com
ActiveDirectoryAccountContainer1 = OU=accounts,DC=corp,DC=example,DC=com
ActiveDirectoryName1 = corp
ActiveDirectorySchema1 = ActiveDirectorySchema1.txt
ActiveDirectoryUser1 = administrator
ActiveDirectoryPasswd1 = ActiveDirectoryPasswd1.txt
ActiveDirectoryFilterAttribute1 = distinguishedName
ActiveDirectoryFilterValue1 = ou=EDN:ou=lon
```

To run this synchronization immediately, select Do from the Run Menu. On completion the result of the run is displayed:



The screenshot shows the AMX application window with the following content:

```
File Edit Run View Help
C:\AMX\Tutorial1\AMX1.properties Filter
Begins Mon, 05 Sep 2016 13:50:55 GMT do
Warning: Not run as administrator
DatabaseIdentity1 AMX3.corp.example.com:3306/orangehrm_mysql
Extracted 102 Identities
DatabaseIdentity Finished Mon, 05 Sep 2016 13:50:55 GMT
Total of 102 Identities

Error: ActionFile Deferred ActionFile.txt has blank line
ActiveDirectory1 corp
Extracted 102 Accounts
Account joins 0
Account creates 0
Account updates 0
Account disables 0
Account deletes 0
ActiveDirectory Finished Mon, 05 Sep 2016 13:50:55 GMT

ActiveDirectory1 corp
Finished Mon, 05 Sep 2016 13:50:55 GMT
```

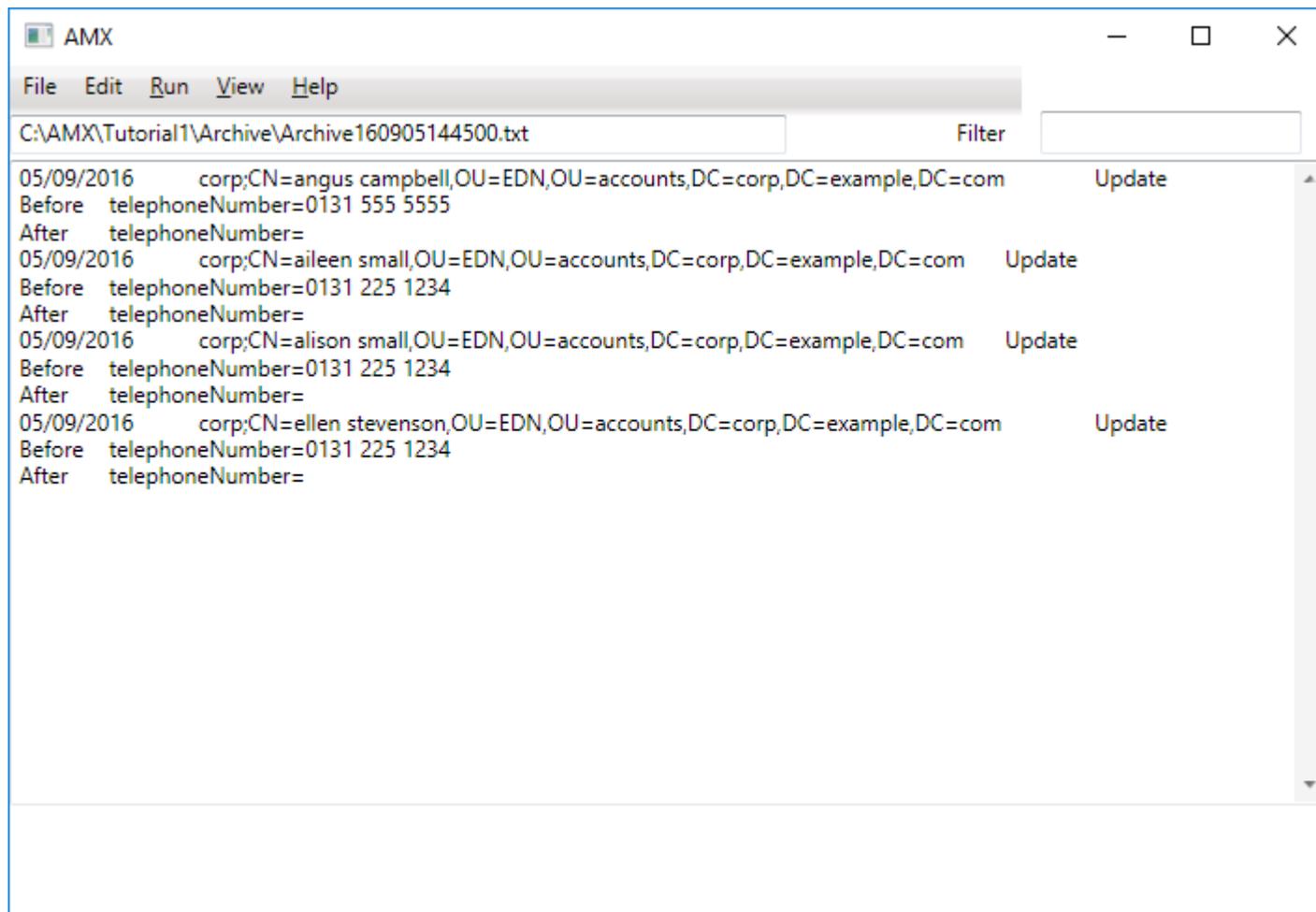
In this case nothing was changed. If a change was made it can be undone by selecting Undo from the Run menu.

Open a Transaction file

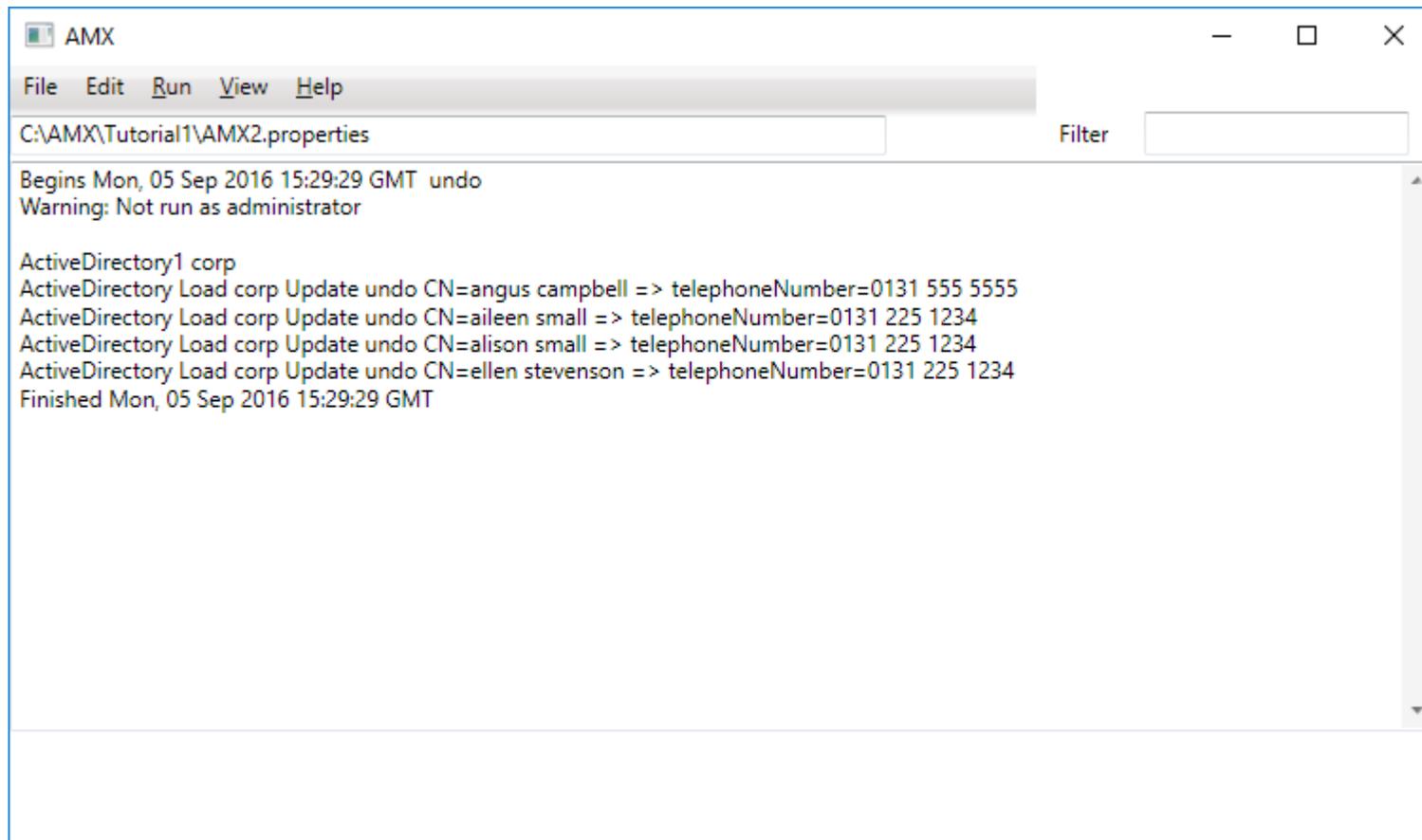
All transaction files are archived and any one can be undone. The need to undo a transaction file may be the result of a mistake by the HR department. Correcting this is best done by asking HR to correct their HRMS system and then let AMX synchronize the correction the next time it runs. Reversing an update is most useful in situations where the correction needs to be done immediately. Resolving the issue may involve disabling any further

synchronization until the HRMS system has been updated. The user cannot disable synchronization, this must be done by an administrator that has rights to manage Task Schedules.

First find the date and time of the update in task history. Then open the transaction with the same date and time with Open Transaction in the File menu. In this example the telephone numbers have been blanked:



If this change needs to be undone. Select Undo from the Run menu



In this example the undo has restored the telephone numbers. Notice that transaction files are tamper-proof, they cannot be edited, so all the updates are undone.

Print

The Print command in the File menu will print the contents of the main window.