
Subject: : Odyssey

Topic: : Odyssey 1.23 progress: r5 beta07

Re: Odyssey 1.23 progress

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URL:

@pjs

```
/* WBLUpdater.rx $VER: WBLUpdater.rx 1.11 (18.12.2018) */
```

```
/* This script checks for installed versions of below mentioned files and updates them, if needed, automatically. It does this by checking both the web based and installed file dates and only if the web based file is newer it will be downloaded/updated.
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```
(If a file is not installed at all, it will simply install it without going through the check)
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```
Supported file list: curl-ca-bundle.crt, HOSTS, pci.ids
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History:
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1.11: Fix:      Adapt to new HOSTS date format
1.10: Fix:      Suppress AREXX' automatic ReadLN() processing
1.09: Fix:      Make the log respect AmigaOS4's logfile standard
1.08: Addition: Check for sane months to prevent downloading corrupted files
1.07: Addition: CALL macro used for months conversion
1.06: Addition: Check for the existance of and install missing files
1.05: Fix:      Wrong format in log output
1.04: Fix:      The hosts file was never copied
1.03: Addition: Add more information to the log
1.02: Addition: Add log file (T:) to reflect the status
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*/
```

```
date_today=DATE(S)
```

```
ADDRESS COMMAND
```

```
'echo "X: [00:00:00] File name | Process | Reason | Install date | Web date" >> T:WBLUpdater.log'
```

```
/* Month conversion index */
```

```
months="Jan01Feb02Mar03Apr04May05Jun06Jul07Aug08Sep09Oct10Nov11Dec12"
```

```

/* cURL_ca_bundle */

/* Check if file exists and install, if needed */
IF OPEN(curl_ca_bundle,'DEVS:curl-ca-bundle.crt','R') = 0 THEN DO

  /* No file found, install it (-k insecure and -s silent) from source */
  ADDRESS COMMAND 'curl -k -s "https://curl.haxx.se/ca/cacert.pem" -o DEVS:curl-ca-bundle.crt'
  ADDRESS COMMAND 'copy DEVS:curl-ca-bundle.crt Tools:Internet/Netsurf/Resources/ca-bundle'
  ADDRESS COMMAND 'copy DEVS:curl-ca-bundle.crt Tools:Internet/YAM/Resources/ca-bundle.crt'
  ADDRESS COMMAND 'echo "W: [TIME('N')] curl_ca_bundle.crt | Install | Missing | 'date_installed' | '
date_web'" >> T:WBLUpdater.log'
END

ELSE DO
  CLOSE(curl_ca_bundle)

  /* Pulling web based file date*/
  ADDRESS COMMAND
'curl -r84-104 -s --cacert DEVS:curl-ca-bundle.crt "https://curl.haxx.se/ca/cacert.pem" >T:cURL_ca_bundle_date
,

  OPEN(curl_ca_date,'T:curl_ca_bundle_date','R')
  date_munged=DELWORD(READLN(curl_ca_date),3,1)
  CLOSE(curl_ca_date)
  ADDRESS COMMAND 'Delete T:curl_ca_bundle_date'

  /* Converting month */
  CALL MonthConversion
  date_web=date_installed

  /* Pulling installed file date */
  OPEN(curl_ca_bundle,'DEVS:curl-ca-bundle.crt','R')
  CALL READLN(curl_ca_bundle)
  CALL READLN(curl_ca_bundle)
  CALL READLN(curl_ca_bundle)
  date_munged=DELWORD(SUBWORD(READLN(curl_ca_bundle),9,4),3,1)
  CLOSE(curl_ca_bundle)

  /* Converting month */
  CALL MonthConversion

  /* Updating file and copying it to the known places where it's used from */
  IF date_error = 0 THEN DO
    IF date_web > date_installed THEN DO
      ADDRESS COMMAND
'curl -s --cacert DEVS:curl-ca-bundle.crt "https://curl.haxx.se/ca/cacert.pem" -o DEVS:curl-ca-bundle.crt'
      ADDRESS COMMAND 'copy DEVS:curl-ca-bundle.crt Tools:Internet/Netsurf/Resources/ca-bundle'
      ADDRESS COMMAND 'copy DEVS:curl-ca-bundle.crt Tools:Internet/YAM/Resources/ca-bundle.crt'
      ADDRESS COMMAND 'echo "I: [TIME('N')] curl_ca_bundle.crt | Update | Additions | 'date_installed' | '
date_web'" >> T:WBLUpdater.log'
    END
  END

```

```

ELSE
    ADDRESS COMMAND 'echo "W: [TIME('N')] curl_ca_bundle.crt | | No additions | 'date_installed' | '
date_web'" >> T:WBLUpdater.log'
    END
ELSE
    ADDRESS COMMAND 'echo "E: [TIME('N')] curl_ca_bundle.crt | Error | Defect | 'date_installed' | '
date_web'" >> T:WBLUpdater.log'
    END

/* HOSTS */

/* Check if file exists and install, if needed */
IF OPEN(hosts,'DEVS:Internet/HOSTS','R') = 0 THEN DO

    /* No file found, install it from source */
    ADDRESS COMMAND
'curl -s --cacert DEVS:curl-ca-bundle.crt "https://raw.githubusercontent.com/StevenBlack/hosts/master/alternates
s/fakenews-gambling-porn-social/hosts" -o DEVS:Internet/HOSTS'
    ADDRESS COMMAND "type Tools:Internet/Network/IP-List >> DEVS:Internet/HOSTS"
    ADDRESS COMMAND 'echo "W: [TIME('N')] HOSTS | Install | Missing | 'date_installed' | 'date_web
'" >> T:WBLUpdater.log'
    END

ELSE DO
    CLOSE(hosts)

    /* Pulling web based file date */
    ADDRESS COMMAND
'curl -r127-143 -s --cacert DEVS:curl-ca-bundle.crt "https://raw.githubusercontent.com/StevenBlack/hosts/maste
r/alternates/fakenews-gambling-porn-social/hosts" >T:hosts_date'
    OPEN(hosts_date,'T:hosts_date','R')
    date_munged=READLN(hosts_date)
    CLOSE(hosts_date)
    ADDRESS COMMAND 'Delete T:hosts_date'

/* HOSTS changed it's date format to 'day full-month 4-digit-year', thus we adapt the date to the format the other
two files use ('3-letter-month day 4-digit-year') before sending it to the macro */
    date_munged=SUBSTR(SUBWORD(date_munged,2,1),1,3) SUBWORD(date_munged,1,1) SUBWORD(
date_munged,3,1)

    /* Converting month */
    CALL MonthConversion
    date_web=date_installed

    /* Pulling installed file date */
    OPEN(hosts,'DEVS:Internet/HOSTS','R')
    CALL READLN(hosts)
    CALL READLN(hosts)

```

```

CALL READLN(hosts)
date_munged=SUBWORD(READLN(hosts),3,3)
CLOSE(hosts)

/* HOSTS changed it's date format to 'day full-month 4-digit-year', thus we adapt the date to the format the other
two files use ('3-letter-month day 4-digit-year') before sending it to the macro */
date_munged=SUBSTR(SUBWORD(date_munged,2,1),1,3) SUBWORD(date_munged,1,1) SUBWORD(
date_munged,3,1)

/* Converting month */
CALL MonthConversion

/* Updating file and adding the known local ip addresses */
IF date_error = 0 THEN DO
  IF date_web > date_installed THEN DO
    ADDRESS COMMAND
'curl -s --cacert DEVS:curl-ca-bundle.crt "https://raw.githubusercontent.com/StevenBlack/hosts/master/alternate
s/fakenews-gambling-porn-social/hosts" -o DEVS:Internet/HOSTS'
    ADDRESS COMMAND "type Tools:Internet/Network/IP-List >> DEVS:Internet/HOSTS"
    ADDRESS COMMAND 'echo "I: [TIME('N')] HOSTS | Update | Additions | 'date_installed' | 'date_web
"" >> T:WBLUpdater.log'
    END
  ELSE
    ADDRESS COMMAND 'echo "W: [TIME('N')] HOSTS | | No additions | 'date_installed' | 'date_web
"" >> T:WBLUpdater.log'
    END
  ELSE
    ADDRESS COMMAND 'echo "E: [TIME('N')] HOSTS | Error | Defect | 'date_installed' | 'date_web
"" >> T:WBLUpdater.log'
  END
END

/* pci.ids */

/* Check if file exists and install, if needed */
IF OPEN(pci_ids,'DEVS:pci.ids','R') = 0 THEN DO
  ADDRESS COMMAND
'curl -s --cacert DEVS:curl-ca-bundle.crt "https://pci-ids.ucw.cz/v2.2/pci.ids" -o DEVS:pci.ids'
  ADDRESS COMMAND 'echo "W: [TIME('N')] pci.ids | Install | Missing | 'date_installed' | 'date_web
"" >> T:WBLUpdater.log'
  END
ELSE DO
  CLOSE(pci_ids)
  /* Pulling web based file date */
  ADDRESS COMMAND
'curl -r56-65 -s --cacert DEVS:curl-ca-bundle.crt "https://pci-ids.ucw.cz/v2.2/pci.ids" >T:pci_ids_date'
  OPEN(pci_ids_date,'T:pci_ids_date','R')
  date_web=COMPRESS(READLN(pci_ids_date),'-')

```

```

/* Checking for sane months to prevent downloading corrupted files */
IF INDEX(months,(SUBSTR(date_web,5,2))) > 0 THEN
    date_error=0
ELSE
    date_error=1
CLOSE(pci_ids_date)
ADDRESS COMMAND 'Delete T:pci.ids_date'

/* Pulling installed file date */
OPEN(pci_ids,'DEVS:pci.ids','R')
CALL READLN(pci_ids)
CALL READLN(pci_ids)
CALL READLN(pci_ids)
CALL READLN(pci_ids)
date_installed=COMPRESS(SUBWORD(READLN(pci_ids),2,1),'-')
/* Checking for sane months to prevent downloading corrupted files */
IF INDEX(months,(SUBSTR(date_installed,5,2))) > 0 THEN
    date_error=0
ELSE
    date_error=1
CLOSE(pci_ids)

/* Updating file and copying it to the known places where it's used from */
IF date_error = 0 THEN DO
    IF date_web > date_installed THEN DO
        ADDRESS COMMAND
'curl -s --cacert DEVS:curl-ca-bundle.crt "https://pci-ids.ucw.cz/v2.2/pci.ids" -o DEVS:pci.ids'
        ADDRESS COMMAND 'echo "I: [TIME('N')] pci.ids | Update | Additions | 'date_installed' | 'date_web
'" >> T:WBLUpdater.log'
    END
ELSE
        ADDRESS COMMAND 'echo "W: [TIME('N')] pci.ids | | No additions | 'date_installed' | 'date_web
'" >> T:WBLUpdater.log'
    END
ELSE
        ADDRESS COMMAND 'echo "E: [TIME('N')] pci.ids | Error | Defect | 'date_installed' | 'date_web
'" >> T:WBLUpdater.log'
END

EXIT

```

MonthConversion:

```

date_day=SUBWORD(date_munged,2,1)
date_munged_month=SUBSTR(date_munged,1,3)
month_idx=INDEX(months,date_munged_month)
IF month_idx > 0 THEN
    date_month=SUBSTR(months,month_idx+3,2)

```

```
/* Checking for a sane month to prevent downloading a corrupted files */
```

```
IF INDEX(months,date_month) > 0 THEN DO  
  date_error=0  
  date_year=SUBWORD(date_munged,3,1)  
  date_installed=COMPRESS(date_year date_month date_day)  
END  
ELSE  
  date_error=1  
  
return 0
```

You can rip out what you need, probably just the ca-bundle part...