CronTask.guide.eng

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COLLABORATORS

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CronTask.guide.eng

1.1 Contents

```
   CronTask 1.10 1994-10-26, ©1994 JoJoSoft
 Written by Johnny Sjöö and Johan Ljunggren
Icons Peter Källgren, Manuals Magnus Johnson

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             IMPORTANT!!
```

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1.3 important

DISCLAIMER

The authors doesn't take any responsibility whatsoever for any
damage caused by CronTask, the user is fully responsible for
any changes caused on the system where the program is being
(mis)used. By using this program you show that you understand
and agree with this.

Though we have of course done anything in our power to make
CronTask reliable, and working safely in the background,
without causing any problems, and without eating processor time.

1.4 crontask

About CronTask

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1.5 about

What is CronTask?

A Cron utility, a program that allows you to select different
actions to be executed at different times. It runs in the
background, can be made to execute multiple lines on one time.
Can be configured to do something at a special time/date, monthly,
dayly, or whatever you can think of! It's got anything you might
ever want from a utility of it's kind, and if not – contact the
authors! :-)

CronTask is to be run at each startup, and should therefore be
located in your WBStartup directory, or in your User-Startup.
It is configured with the use of the program CronPrefs, which
is CronTasks contact with the user. This is from where the
user gets to control CronTask and enter what to be executed
and when. Read Configuration for more information on how to
configure CronTask.

CronTask is released as Freeware, which means that it can be
freely distributed, as long as the archive stays intact, and
no changes are made to any of the files. It also may not be
sold for profit, and only a nominal fee to cover disk costs
etc. may be charged.
The contents of this archive are ©1994 JoJoSoft.

We would like to foward special thanks to:

Magnus Johnson - for his great documentation work.

Fredrik Elmqvist
& Tommy Bjorklin - for their beta testing.
Peter Kallgren - for the enhanced icon set.

1.6 authors

How to contact the authors:

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```


1.7 support

Support for CronTask: BBS oXen Systems

```
Line #1 +46-270-54268  V.FC   2:205/207.0, 39:162/118.0
Line #2 +46-270-54668  14.4DS 2:205/250.0
```


1.8 history

The programs history


```
------------------------------------------------------------------------
CronTask/Prefs v1.10
------------------------------------------------------------------------
```

* First official release.

  ... lots done, but nothing written. Everything to this point has
    been documented though.

1.9 future

What is planned for future versions??

  Contact us!

1.10 installation

```
Installation

There are two ways of installing CronTask; manually or automagically.
To have CronTask automatically installed, just doubleclick the
supplied Installer-script (it is recommended that you use this option).
For those of you that still wants to install it by yourselves, follow
these simple steps:

To install CronTask, copy 'CronTask' to your WBStartup directory,
and copy 'CronPrefs' to your Prefs directory. Then copy the
'cronserver.library' to your Libs directory.
Then you can run the CronPrefs and configure CronTask as you want
it, se Configuration for more information on how to configure
CronTask. Remember to keep the documetation as well, you might need
it later on if you'd like to edit your settings but can't remember
everything.

If you prefer to run CronTask from your User-Startup, you can copy
it to where ever you want to, and then enter the complete search
path in your User-Startup instead. CronTask can then take an
argument - the CronEvent file. If you don't enter any argument,
the ordinary setting-directory will instead be used - ENV:.

If you wish to exit CronTask, without having to enter CronPrefs,
you can always use the argument QUIT to end the active CronTask.
If CronTask isn't running, nothing will happen if you use QUIT.

You can also start using another configuration, even though CronTask
is already running. Just use the new configurations search pat as an
argument to CronTask, and it will be informed of what config to start
using instead of the current one.
```

1.11 configuration

```
  Configurating CronPrefs


  Menus in CronPrefs     Buttons in CronPrefs

  Project    Change       Times   Actions
                           Save   Use    Cancel

  Internal Commands       ToolTypes
```

1.12 tooltypes

```
Tooltypes for CronTask:
```

```
Tooltypes for CronPrefs:
```

1.13 fileop

```
Save, Use och Cancel

The 'Save' button saves the current configuration with the
name that was last loaded. If the default config is chosen
it will be saved to EnvArc:Cron/CronEvents, and to the file
Env:Cron/CronEvents. If the directory Env:Cron doesn't exist,
it will be created automagically. This configuration will then
be used by CronTask. If CronTask isn't activated, nothing will
happen.

The 'Use' button forces CronTask to use the current
configuration, and it will only be saved in ENV:Cron/ (if the
default-config is used), but it will not be saved on a physical
device (that survives a reboot). So if you quit CronTask the
changes will be lost. If CronTask isn't activated, this button
will have the same function as 'Cancel'. If so, a requester will
show up to warn you about this.

The 'Cancel' button quits CronPrefs and CronTask will continue
without any changes.
```

1.14 times

```
  The Time configuration buttons.
```

```
Times - Add

This button lets you add a time when something is to happen.
When you press it a window will pop up where you can edit the
data for the specifik time.
The wildcard '*' means that all times are valid.
You can also press the 'A' key when the CronPrefs window is
activated instead of clicking the button.

'Event name'  - Is the name of the data, that is to be shown in
                the list below 'Times'.
'Year'        - This is the year the action(s) will be executed.
                '*' means that the time is executed regardless of
                the year.
'Month'       - To choose a specific month, or '*' for all months.
```

```
'MDay'        - This is what day of the month (date) the actions
                are to be executed. '*' for all days.
'Week Day'    - Picks a week day to execute the action(s).
                '*' is for all seven of 'em.
'Hour.Minute' - Specifies a time for the execution.
                '*' here means that it is to be executed every hour/
                every minute for an hour or every minute for the
                hour(s) set.
```

The 'Ok' button accepts the settings and the 'Cancel' button
stops the adding and discards the entered data. The close-gadget
in the upper left corner has the same function as 'Cancel'.

Times - Edit

This button wokrs just like the 'Add', but can only be used if a
time is highlighted. The same window as for 'Add' will come up,
but you can instead edit the time that you've entered earlier. The
'Ok' button accepts the changes, and the 'Cancel' button cancels
the editing and discards teh changes. You can also press the 'E'
key when the CronPrefs window is activated instead of clicking the
button. You can also double-click a time to edit it.

Times - Remove

This button can only be picked if a time is highlighted. It will
then delete the selected time, and you can get it back only if
you saved the configuration before removing the entry.
You can also press the 'R' key when the CronPrefs window is activated
instead of clicking the button.

Time is Enabled/Disabled

This button allows you to enable/disable a time. There is also
an option 'Disabled Once', that disables the time once, and when
that time occurs the entry is again activated and will be executed
the next time.

1.15   actions

Buttons that configures the actions to be executed at the chosen time.

{ }

This gadget brings up a requester that displays all the available
Internal Commands.

```
Actions - Add

This button adds a command to be executed at the chosen time.
You must enter the complete search path.
You can also drop an Icon in the list/window above, and it will
be added automagically to the list in WB-mode.
You can also press the 'd' key when the CronPrefs window is activated
instead of clicking the button.



Actions - Up

This button will move the highlighted action up one step in
the list, if there is an action above it.
You can also press the 'U' key when the CronPrefs window is activated
instead of clicking the button.



Actions - Down

This button will move the highlighted action down one step in
the list, if there is an action below it.
You can also press the 'o' key when the CronPrefs window is activated
instead of clicking the button.



Actions - Remove

This button will delete the highlighted entry. You can only get
it back if it was saved in the original configuration.
You can also press the 'm' key when the CronPrefs window is activated
instead of clicking the button.



Actions - CLI/WB

This buttons displays wether the entry is to be executed as if
it had been entered in a CLI window, or as if it had been clicked
on in the Workbench. If you select 'CLI', you will also have to
decide a stack. The default is 4096 bytes. If an action is
executed as a WB-action, the information in the icon will be used.



Actions - Log

When you press this button the line next to it is activated, and
you can there enter a filename wherein all CronTasks actions are
to be logged.
```

1.16 commands

Internal Commands in CronPrefs

To use the internal commands, you can either press the "{ }"
button in CronPrefs for a list of the available commands, or
type them in yourself. In that case you must enter {Command}
(with required arguments afterwards) for it to work.
Below is a list of the available internal commands:

{BREAK}

Is used to break out of a block that you're currently in.

{COUNTER}[n]

Increases/creates a counter. The result is always what the counter
is at when the line is executed. If you only enter {COUNTER} without
an argument, the current value will be increased, and the result will
be what the counter is afterwards. If you send a number as an argument,
the counter adds that value, and the value will be the result.

{DELAY}n

Waits n secunds before the event list will continue to be executed.

{ELSE}

Executes the block if the previous IF failed.

{ENDIF}

Terminates an IF-block.

{EXISTS}filename

Checks to see if a file exists. The result will be 0 of the file
doesn't exist, and 1 if it does.

{FAILAT}n

If the return code exceeds n, the script will be terminated.

{IF}

> Compares the given argument with the last return value from an
> execution or from the requester. I.E. {IF} = 2
>
> Workbench programs will return 0 if it couldn't be run, and 1
> if it went well. Everything else returns its return code, if
> nothing else is said (i.e. internal commands).

 Example of a conditional block:

```
 {IF} = 4       (Starts a conditional block)
 »Dopus         (IF-block)
 {ELSE}         (starts the ELSE block)
 »TrapDoor      (ELSE-block)
 {ENDIF}        (Terminates the conditional block)
```

{JUMP}

> Jumps to a line in the event list.

{LOGLINE}text

> Sends a line to a possible log file. [text] is the text that will
> be sent to the log.

{OUTPUT}

> Selects a device for further output – con: prt: or a file.

{REQ}

> Used to display a requester.

 example: {REQ}Title/Text/Gadgets/TIMED10

```
 Title = The Title of the requester.
 Text  = The text of the requesterns. '\n' in the text = new line in
         the requester.
Gadgets = The buttons of the requester. Separated with a '|'. The
          rightmost button always returns a value of 0. Otherwise,
          the buttons return values expanding from the left. I.E:

gadget:  "Option 1|Option 2|Option 3|Option 4"
result:          1       2       3       0
```

```
gadget:   "Ok|Cancel"
result:    1      0

OPTIONS:
  TIMED = Forces the requester to disappear after the entered time.
          The requester will return 0 when the time runs out.
          I.E. TIMED10. The Requester will be displayed for 10 secs.
```

{STOP}

    Exits everything – quits the events of the current time.

1.17 project

  The Project menu

    Project – Open...

    Loads a configuration that's been saved earlier.
    You can instead of choosing it from the menu press RAmiga+O.

    Project – Save as...

    Saves the current configuration, but allows the user to decide
    in what file. You can instead of choosing it from the menu
    press RAmiga+S.

    Project – Save as default

    Saves the current configuration as default. In ENV: and in
    ENVARC:, that is.

    Project – Time info

    Shows info about the highlighted time.
    You can instead of choosing it from the menu press RAmiga+I.

    Project – About...

    Shows some info about CronTask/CronPrefs.
    You can instead of choosing it from the menu press RAmiga+A.

```
Project - Quit
```

```
Exits CronPrefs without saving the settings. If Crontask is
running, a requester will tell you that CronTask will quit as well.
If CronTask is running, and also has started tasks, you will have
to choose wether you want to try to interrupt the running task(s),
or if you wish to wait for the active tasks to finish before
CronTask quits. In both cases, CronTask won't start any more tasks.
You can instead of choosing it from the menu press RAmiga+Q.
```

1.18 change

```
The Change menu
```

```
Change - Time...
```

```
Runs the program 'Time' in prefs, to allow you to edit the time
right from within CronPrefs.
You can instead of choosing it from the menu press RAmiga+T.
```

```
Change - Action Up
```

```
The same thing as the button 'Up' under 'Actions', it moves the
highlighted entry up one step.
You can instead of choosing it from the menu press RAmiga+U.
```

```
Change - Action Down
```

```
The same thing as the button 'Down' under 'Actions', it moves the
highlighted entry down one step.
You can instead of choosing it from the menu press RAmiga+D.
```

```
Change - EventNames.
```

```
If checked, the timelist in the mainwindow will contain the names
of the events, instead of timedata.
```