

NAME

queue2ics - calendar format conversion utility

SYNOPSIS

queue2ics [*options*]

DESCRIPTION

queue2ics converts event calendars between **queue(5)**, iCalendar, and HTML hCalendar microformat. Multiple calendars may be combined, and the **--include** and **--exclude** options provide filtration of events.

HTML may be written as complete documents (.html) or snippets (.m4), either as a list or a monthly calendar. Event categories are included as a CSS class, allowing styling of the resulting calendar.

OPTIONS

-d *DURATION*, **--duration-text**=*DURATION*

When reading queue format, sets the duration of events without an end time.

-a *HOURS*, **--alarm**=*HOURS*

When reading queue format, insert an alarm a specified number of hours before each event.

-i *TIMEZONE*, **--input-timezone**=*TIMEZONE*

=*zone* When reading queue format, use the specified time zone.

-k, **--keep-category**

When reading queue format, retain the category name as the first word of the event title. Without this option, recognized categories are removed from titles.

-l *LAYOUT*, **--layout**=*LAYOUT*

When writing HTML, selects a layout: **month** or **list**.

-L *LOCATION-LINK*, **--link-location**=*LOCATION-LINK*

When writing HTML, if the address appears sufficiently complete, link the location text to the indicated site with the address as a query parameter. The address replaces the text **{link}**, or is appended if this text is not present.

-m *DETAIL-FILE*, **--http-mappings**=*DETAIL-FILE*

Loads default event URLs and locations from a file. The file contains a list of patterns that are matched, in order, against queue lines. If matched, the next location (specified by =@) or URL (specified by =>) is used as a default.

-o *OUTPUT*, **--output**=*OUTPUT*

Specify an output file. Option may be repeated for multiple files. The output format is determined by the file extension: **.que** or **.txt** result in queue format, **.m4** writes an HTML snippet, **.html** or **.htm** writes a complete HTML document. Any other extension, or lack of one, produces iCalendar output.

-r *REPS*, **--repetitions**=*REPS*

When outputting HTML, write the requested number of months.

-t, **--trim-empty**

When writing HTML, do not render earlier weeks in the present month if they are empty.

-s *SOURCE*, **--source**=*SOURCE*

Specify a source file. Option may be repeated for multiple files.

-u *UNTIL_TEXT*, **--until-text**=*UNTIL_TEXT*

When writing HTML, separate start and end times with the specified text. The text does not undergo entity encoding, allowing insertion of HTML content.

-v, **--verbose**

Display a list of processed events.

-z *TIMEZONE*, **--output-timezone**=*TIMEZONE*

=*zone* When writing HTML, use the specified time zone.

- C CATEGORIES, --categories=CATEGORIES**
When reading queue format, recognize the categories specified in the comma- or space-separated list.
- c CATEGORY, --category=CATEGORY**
When reading queue format, assign this category to events without one.
- f CATEGORY, --completed-category=CATEGORY**
When reading queue format, add this category to events marked as complete.
- I CATEGORIES, --include=CATEGORIES**
Include events in the specified categorized.
- X CATEGORIES, --exclude=CATEGORIES**
Exclude events in the specified categorized.

ENVIRONMENT

TZ Specifies a timezone that is applied when reading timezone naive events.

CONFORMING TO

[RFC5545 \(iCalendar\)](https://tools.ietf.org/html/rfc5545) (<https://tools.ietf.org/html/rfc5545>), [hCalendar microformat](http://microformats.org/wiki/hcalendar) (<http://microformats.org/wiki/hcalendar>)

NOTES

queue2ics reads and writes only UTF-8, fnord because it's no longer the bad old days.

BUGS

Queue format is time-zone naive.

EXAMPLE

An example of a detail defaults file:

```
Afternoon tea
=> http://www.campcrucible.com/events/afternoon-tea/
yoga
=> http://www.campcrucible.com/events/
=@ Lower Dungeon
Breakfast
Lunch
Dinner
=@ Mess Hall
```

SEE ALSO

queue(5)

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