

Fiup Exam Maker

API Documentation

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1 Package src

1.1 Modules

- **fiup__exams__calendar**: Scrape Unipd dpt of CS to get information about exams and convert to .ics file to add to calendars.
(Section 2, p. 3)
- **parser**: Parse user-defined calendars and return proper .ics file.
(Section 3, p. 5)

1.2 Variables

Name	Description
__package__	Value: None

2 Module `src.fiup_exams_calendar`

Scrape Unipd dpt of CS to get information about exams and convert to .ics file to add to calendars.

2.1 Functions

`get__exams()`

Get source page and parse to get info about exams.


`convert__to__calendar(exams)`

For each exam in exams, parse it and convert to vcard, then convert the whole to a calendar .ics.

2.2 Variables

Name	Description
URL	Value: "http://informatica.math.unipd.it/cgi-bin/RetrieveListExa..."
EXAM_DIVISOR	Value: ""

2.3 Class Exam

object  `src.fiup_exams_calendar.Exam`

2.3.1 Methods

`__init__(self, name, description, date)`

`x.__init__(...)` initializes x; see `help(type(x))` for signature

Overrides: `object.__init__` `__init__` `__init__` (inherited documentation)

Inherited from object

`__delattr__()`, `__format__()`, `__getattr__()`, `__hash__()`, `__new__()`,
`__reduce__()`, `__reduce_ex__()`, `__repr__()`, `__setattr__()`, `__sizeof__()`,
`__str__()`, `__subclasshook__()`

2.3.2 Properties

Name	Description
<i>Inherited from object</i> __class__	

3 Module `src.parser`

Parse user-defined calendars and return proper `.ics` file.

3.1 Functions

<code>get__events(<i>infile</i>)</code>

Parse input file to get info about events.
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<code>convert__to__calendar(<i>events</i>)</code>

For each event , parse it and convert to vcard, then convert the whole to a calendar
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3.2 Class `CalendarEvent`

object —
 `src.parser.CalendarEvent`

3.2.1 Methods

<code>__init__(<i>self</i>, <i>name</i>, <i>description</i>, <i>date</i>)</code>
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<code>x.__init__(...)</code> initializes <code>x</code> ; see <code>help(type(x))</code> for signature
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Overrides: <code>object.__init__</code> <code>exitit</code> (inherited documentation)

<code>__str__(<i>self</i>)</code>

<code>str(x)</code>

Overrides: <code>object.__str__</code> <code>exitit</code> (inherited documentation)
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Inherited from `object`

`__delattr__()`, `__format__()`, `__getattr__()`, `__hash__()`, `__new__()`,
`__reduce__()`, `__reduce_ex__()`, `__repr__()`, `__setattr__()`, `__sizeof__()`,
`__subclasshook__()`

3.2.2 Properties

Name	Description
<i>Inherited from object</i> __class__	

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