



When a tag is not set, the value will be None.

**get\_shutter\_speed**(*self*, *float\_=False*)

Returns the exposure time as rational or float or None if the tag is not set.

Argument:

- *float\_* If False, default, the value is returned as rational otherwise a float is returned

**read**()

Read the metadata embedded in the associated image. It is necessary to call this method once before attempting to access the metadata (an exception will be raised if trying to access metadata before calling this method).

**\_\_setitem\_\_**(*key*, *tag\_or\_value*)

Set a metadata tag for a given key. If the tag was previously set, it is overwritten. As a handy shortcut, a value may be passed instead of a fully formed tag. The corresponding tag object will be instantiated.

Arguments:

- *key* Metadata key in the dotted form *familyName.groupName.tagName* where *familyName* may be one of *exif*, *iptc* or *xmp*.
- *tag\_or\_value* (*pyexiv2.exif.ExifTag* or *pyexiv2.iptc.IptcTag* or *pyexiv2.xmp.XmpTag* or any valid value type) – An instance of the corresponding family of metadata tag, or a value

Raises *KeyError* if the tag doesn't exist

**write**(*preserve\_timestamps=False*)

Write the metadata back to the image.

Argument:

- *preserve\_timestamps* (boolean) – Whether to preserve the file's original timestamps (access time and modification time)

## 1.3 pyexiv2.exif

This module provides the classes *ExifTag*, *ExifValueError* and *ExifThumbnail*.

**class** *pyexiv2.exif.ExifTag*

**Instance Attributes**

- *description*
- *human\_value*
- *key*
- *label*
- *name*
- *raw\_value*
- *section\_description*
- *section\_name*
- *type*
- *value*