



CHAPTER 2

Tutorial

This tutorial is meant to give you a quick overview of what py3exiv2 allows you to do. You can just read it through or follow it interactively, in which case you will need to have py3exiv2 installed. It doesn't cover all the possibilities offered by py3exiv2, only a basic subset of them. For complete reference, see the [API documentation](#).

Let's get started!

Remember, the lib is named py3exiv2 but the top-level module, for compatibility reasons, is named pyexiv2. So, we import the pyexiv2 module:

```
>>> import pyexiv2
```

We then load an image file and read its metadata:

```
>>> metadata = pyexiv2.ImageMetadata('test.jpg')
>>> metadata.read()
```

2.1 Reading and writing EXIF tags

Let's retrieve a list of all the available EXIF tags available in the image:

```
>>> metadata.exif_keys
['Exif.Image.ImageDescription',
 'Exif.Image.XResolution',
 'Exif.Image.YResolution',
 'Exif.Image.ResolutionUnit',
 'Exif.Image.Software',
 'Exif.Image.DateTime',
 'Exif.Image.Artist',
 'Exif.Image.Copyright',
 'Exif.Image.ExifTag',
 'Exif.Photo.Flash',
 'Exif.Photo.PixelXDimension',
 'Exif.Photo.PixelYDimension']
```