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# List of labels

Let us place a label not being connected to a counter: . . . . .	8
some invisible label that is invisibly placed here. . . . .	8
3 foochapterlabel . . . . .	11
3.6 foosectionlabel . . . . .	11
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3.1 firstequationlabel . . . . .	11
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# Chapter 1

## Some easy usages of crossreftools

Let us refer the usual way: Chapter 3

The counter for `foochapterlabel` is chapter or chapter. It is used on page 11. The value for the misspelled label name is [UNDEFINED], whereas the correct value is 3.

Let us check for a subsection label: subsection

The result is  $\square$

### 1.1 Extracting usual reference information

Extracting content with `\crtextractref`

- reference: 3
- page: 11

If the `hyperref` package is loaded, further properties are retrievable:

- name: This is foo
- hyperanchor: chapter.3
- unused:

The 5th (and usually empty) label property introduced by hyperref is unused as of version v6.85a of that package – [UNDEFINED] will return nothing here, i.e. the expansion is empty.

This works only if there is usual hyper anchor for the counter: equation.

## 1.2 Extracting the cleveref names

- The lower case cross reference name for `fooequationlabel` is eq., this time using `\crtcrefnamebylabel`; the upper case name is Equation.
- Extracting content with `\crtextractcref`
  - counter: chapter
  - number: 3
  - result:
  - reference: 3
  - page: 11

The macro `\crtextractcref` is expandable! Using the stored value for counter: chapter!

See Equation 3.2 and section 3.3.

## Chapter 2

# Placing more generic labels

Let us place a label without a counter and



See Let us plant a label not being connected to a counter: or Let us place a label without a counter on page 8, but let us place a label without a counter. Some visible text that is invisibly placed here



# Chapter 3

## This is foo

### 3.6 Foo

#### 3.6.1 Foo subsection

$$E = mc^2 \tag{3.1}$$

$$E = mc^2 \tag{3.2}$$

### 3.7 Another foo bar section

$$a^2 + b^2 = c^2 \tag{3.3}$$

## Chapter 4

# Checking for label existence

No, that label does not exist  
Yes, that `\cleveref` label exists