Chapterhead does not count in the Level counting; it is its own separate thing

## 0.1   C++xx with `Code`— This is a Level 1 Head

### 0.1.1   `auto` — This is a Level 2 Head

text here

#### Description with `Code` — This is a Level 3 Head

text here

EXAMPLE: And now we need to make sure the Example will flow nicely across pages. Phasellus nibh lectus, lacinia vitae mollis at, lobortis lobortis sapien. Phasellus vestibulum mi sit amet ante pulvinar mattis. Praesent rhoncus iaculis metus at faucibus. Maecenas in sem et mauris scelerisque scelerisque eget vel neque. In placerat pharetra nisi sit amet vestibulum. See Listing 3 for a listing with a title.

**Listing 1: This is the Listing Title.**

```
Now a bit more code, with a title and a number and some
lines to set it off
```

**Listing 2: And if the title is long enough to run over two lines, then it is set flushleft rather than centered.**

```
Now a bit more code, with a longer title
123456789A123456789B123456789C123456789D123456789E123456789F123456789G123456789H
Testing the line length
```

Sed faucibus rhoncus nisl id dignissim. Quisque sed metus justo. Aliquam aliquet molestie condimentum. Nulla ac libero tellus.

and then testing a listing outside of the Example environment.[1] Maybe we don't want to use the Example environment.

---

[1] **lakos20**, section 0.5, pp 34-42

```
template <typename Range>
auto sortRangeImpl(Range& range, int) -> decltype(range.sort(), void());
    // The comma operator is used to force the return type to `void`,
    // regardless of the return type of `range.sort()`.

template <typename Range, typename = decltype(std::declval<Range&>().sort())>
auto sortRangeImpl(Range& range, int);
    // `std::declval` is used to generate a reference to `Range` that can be
    // used in an unevaluated expression
```

2

**Listing 3: Caption.**

```
Now a bit more code, with a longer title
123456789A123456789B123456789C123456789D123456789E123456789F123456789G123456789H
Testing the line length
```

## Potential Pitfalls

### Performance Concerns with `Code` — This is a Level 4 Head

### Issues at Scale

### Language/Feature Deficiencies

### Annoyances

### Related Information

### See Also

### Further Reading