

# Multi-Content Revisions

[[Mw:Multi-Content\_Revisions]]

# „Embedded“ Content

```
TTTTTTTTTTTTTTTTTTTTTTTTTTTTT
TTTTTTTTTTTTTTTTTTTTTTTTTTTTT
TTTTTTTTTTTTTTTTTTTTTTTTTTTTT
XXXXXXXXXXXXXXXXXXXXXXXXXXXXX
TTTTTTTTTTTTTTTTTTTTTTTTTTTTT
YYYYYYYYYYYYYYYYYYYYYYYYYYY
TTTTTTTTTTTTTTTTTTTTTTTTTTTTT
```

Content „encoded“ in template parameters or special syntax:

- `{{info|...}}`
- `{{#assessment:Medicine|A|Low}}`
- `<templatedata>`
  
- Categories...
- Infoboxes...

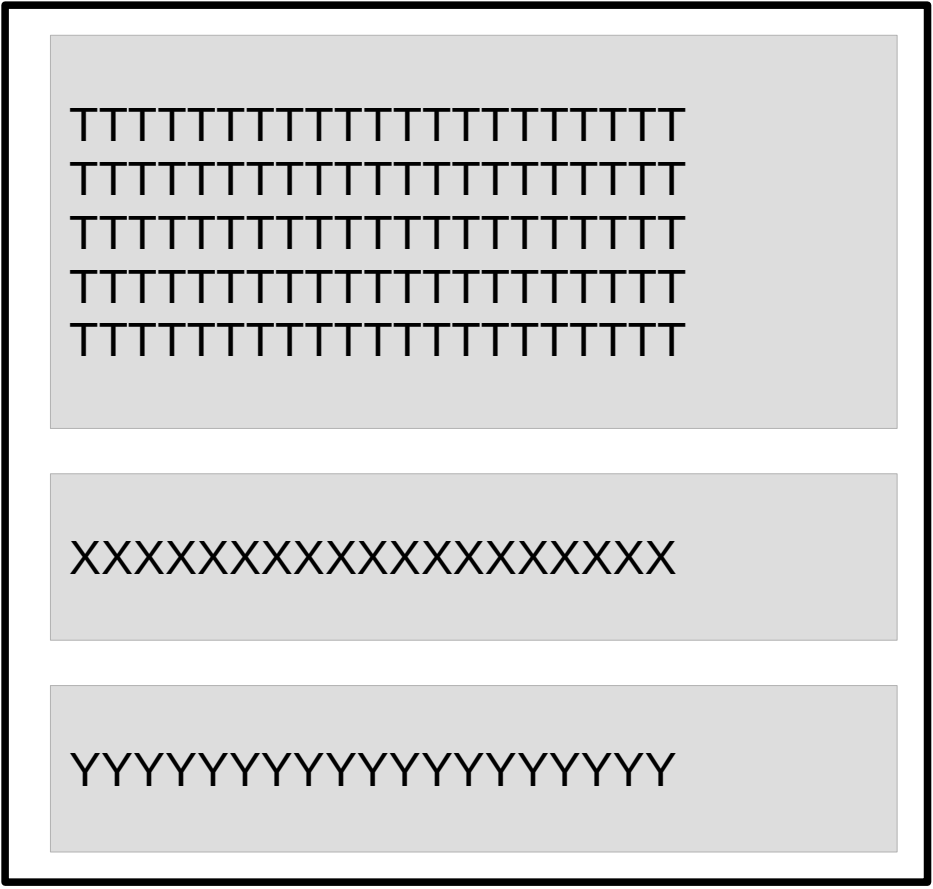
Usually edited separated from other content.

# „Embedded“ Content

With MCR:

- Less data to store per edit (typically, only one „slot“ is edited)
- Dedicated editing interface.
- Less clutter in wikitext.

Watching, recentchanges, protections, and diffs are still integrate das before.

A diagram illustrating embedded content. It consists of a large black-bordered rectangle containing three smaller, light-gray rectangular boxes stacked vertically. The top box contains five lines of the letter 'T', the middle box contains one line of the letter 'X', and the bottom box contains one line of the letter 'Y'.

TTTTTTTTTTTTTTTTTTTTTTTTTT  
TTTTTTTTTTTTTTTTTTTTTTTTTT  
TTTTTTTTTTTTTTTTTTTTTTTTTT  
TTTTTTTTTTTTTTTTTTTTTTTTTT  
TTTTTTTTTTTTTTTTTTTTTTTTTT

XXXXXXXXXXXXXXXXXXXXXXXXXX

YYYYYYYYYYYYYYYYYYYYYYYY

# „Associated“ Content

XXXXXXXXXXXXXXXXXXXXXXXXXX

AAAAAAAAAAAAAAAAAAAAAAAA  
AAAAAAAAAAAAAAAAAAAAAAAA  
AAAAAAAAAAAAAAAAAAAAAAAA  
AAAAAAAAAAAAAAAAAAAAAAAA

YYYYYYYYYYYYYYYYYYYYYYY

Content „associated“ in subpages or associated namespaces:

- Template documentation
- Lua module documentation
- Gadget styles
- JS for central notice
- Translations...

Often edited separately, but should be kept in sync!

# „Associated“ Content

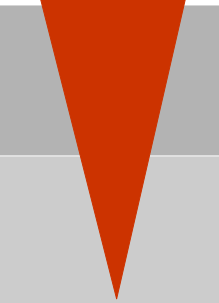


With MCR:

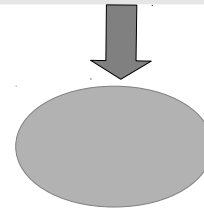
Atomic edits become possible. Talk pages, watching, recentchanges, protections, and diffs, now work like for a single page!

Little additional storage requirements for unchanged slots (3 integer Ids).

# Split the Revision Table



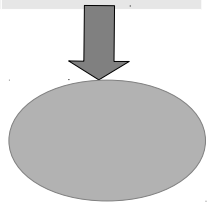
revid	user	summary	...	text_id	len	sha1	...



# Split the Revision Table

revid	user	summary	...

cnt_id	len	sha1	url...



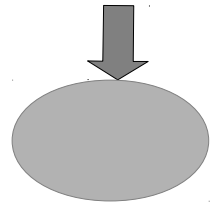
# Trinary Relation

revid	user	summary	...

rev	role	cnt

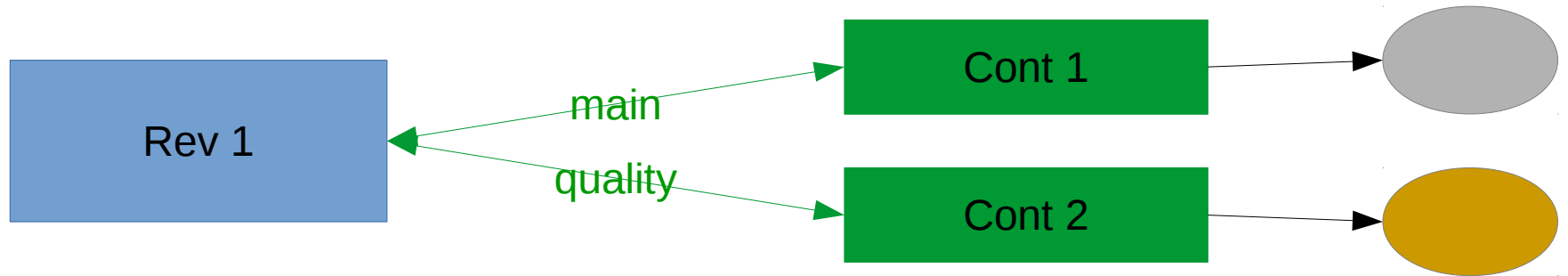
cnt_id	len	sha1	url...

role	name

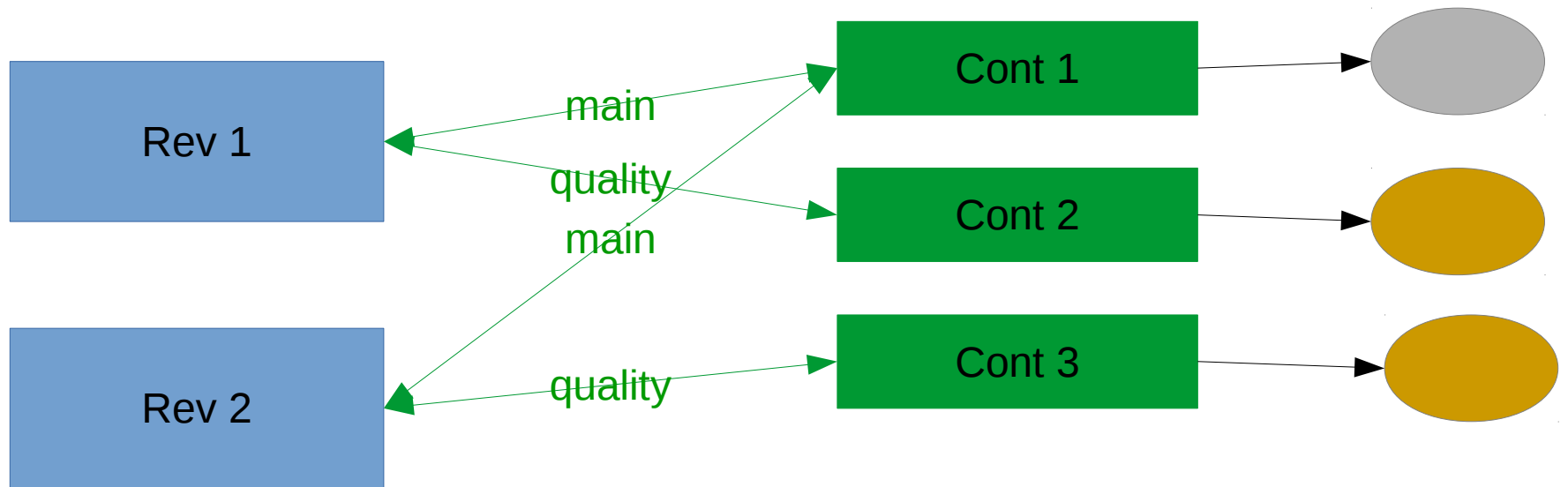




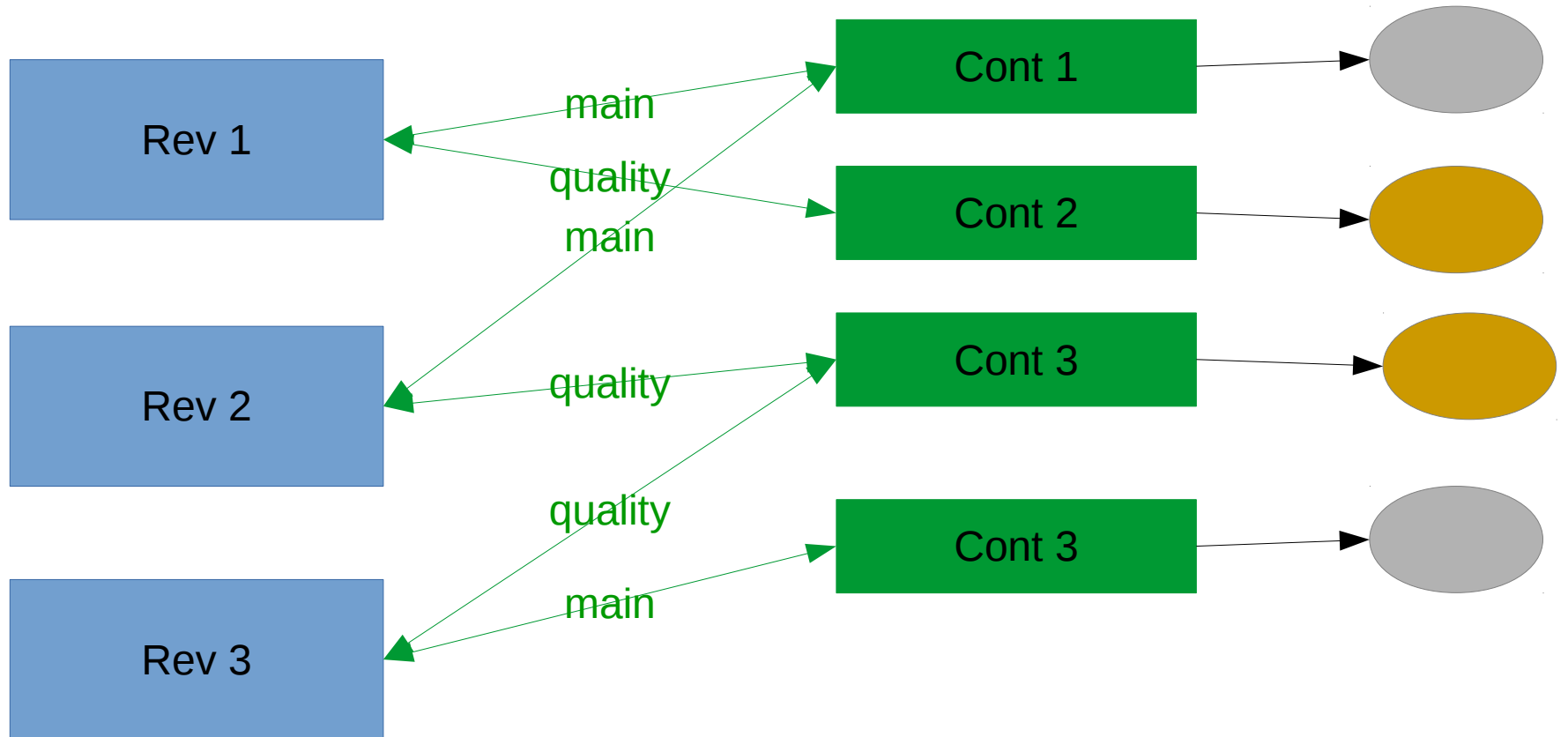
# Normalized Model



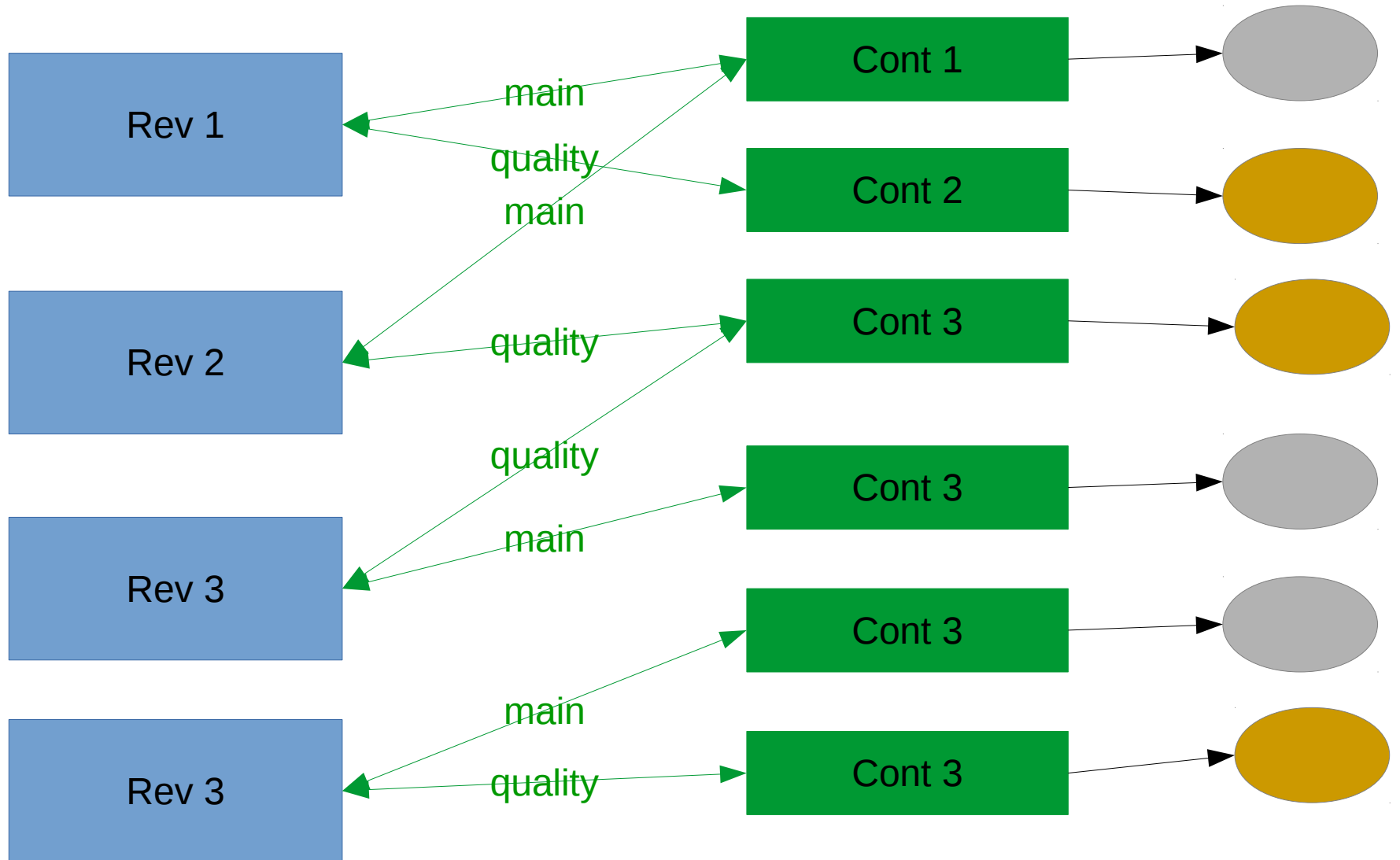
# Small Overhead



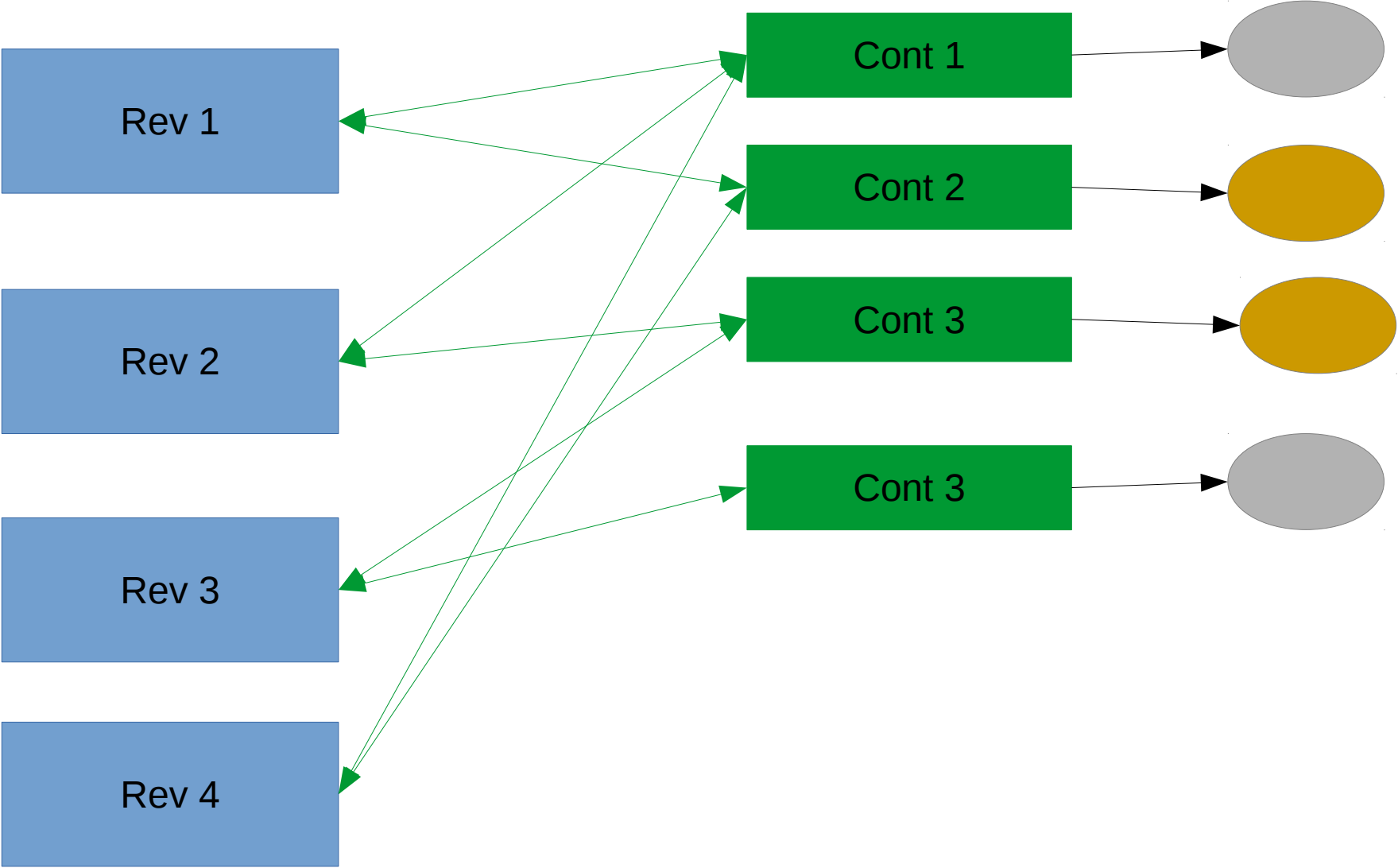
# Small Overhead



# Flexibility



# Reverts



# Levels of abstraction

