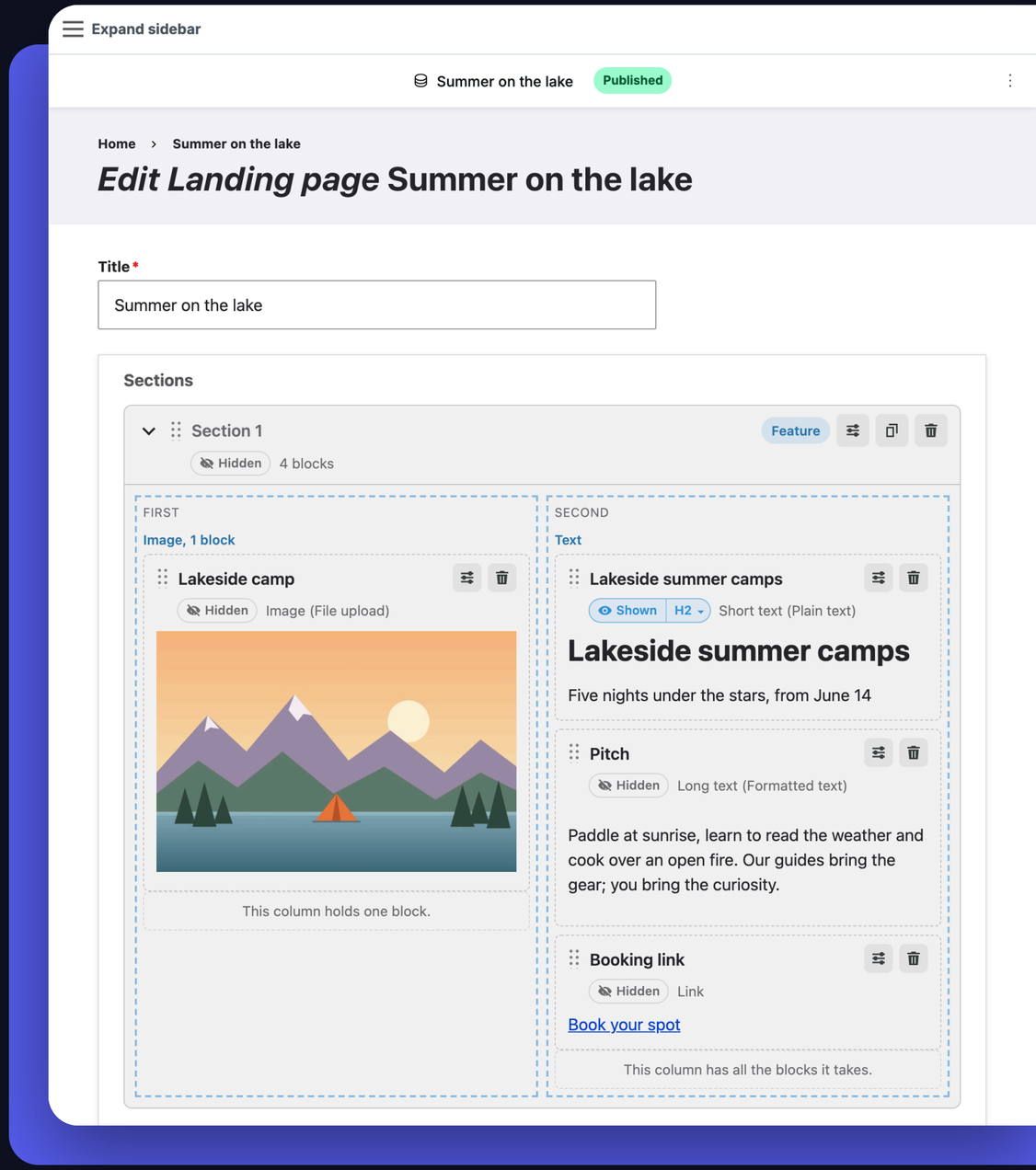
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Meet Content Builder

Layout Builder sections, right inside the edit form

Gloria Vellekamp · gloriaswebtech.com



Gloria Vellekamp

10+ years

Building clean and reliable Drupal systems, with a strong focus on UX

Maintainer

Creator and maintainer of Content Builder on drupal.org

My values

Quality code, accessible interfaces, and technology that is honest, clear, and insanely human

Drupal's page builders

Builder	Where content is edited	How a page is stored
Content Builder	The edit form as a field	Layout Builder sections in a field
Layout Builder	A separate Layout page	Sections in the display's config, or per item in a hidden field
Paragraphs	The edit form as a field	One paragraph entity per field item
Mercury Editor	A page editor with a live preview	Paragraphs, arranged by Layout Paragraphs
Drupal Canvas	Its own visual editor	Its own component tree

Content Builder is a field.

Next to the other fields on the regular edit form and built from core Layout Builder’s own parts.

Freedom with guardrails

Layout

One fixed layout, or the layouts editors may choose from

Columns

A label, the blocks each column takes, and how many of each

Settings

Each layout setting open, limited to some options, or locked

Per field

Each field chooses which section types and layouts it offers

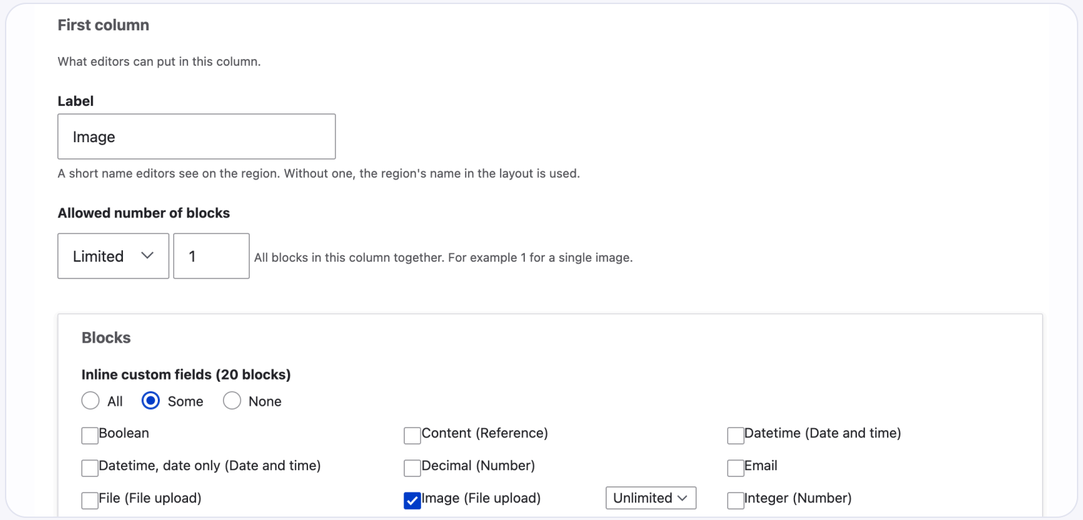
Section types are configuration

Modules and recipes can ship them.

The examples module ships 3 section types:

- Feature
- Call to action
- Three cards

```
id: feature
label: Feature
layout: layout_twocol_section
regions:
  first:
    label: Image
    max_blocks: 1
    blocks:
      - 'content_builder_inline_field:image'
  second: …
```



Built from core's parts

Piece	Class	What it does
Content section field type	ContentBuilderItem	One core Section per field item
Widget	ContentBuilderWidget	Form API, with AJAX rebuilds
Formatter	ContentBuilderFormatter	Section::toRenderArray()
Section storage	ContentBuilderSectionStorage	Tracks inline blocks, with no routes
Inline custom fields	InlineCustomFieldBlock	A block plugin per field type

Layout Builder's sections, layouts, block plugins and inline blocks.

What a Content Builder section stores

Each field item is one core Section, stored the way Layout Builder’s layout_section field stores it. A section's type lives in the section's third party settings.

```
section:
  layout_id: layout_twocol_section
  layout_settings:
    label: 'Getting started'
    column_widths: 67-33
  components:
    5aa463e3-…:
      region: first
      configuration:
        id: '…inline_field:text_long'
        label: 'This page is a…'
        value: [ … ]
  third_party_settings:
    content_builder:
      section_type: '…'
```

LIVE DEMO 1

Site builders set the rules

A “Feature” section type: an image beside text

RECAP · SITE BUILDERS

Create a content section type

01

Name it

Structure › Content section types › Add content section type. Content editors see the name and description.

02

Layout and widths

The layout new sections start with, the others editors may switch to, and whether editors can change the widths.

03

What each column takes

A label, an allowed number, and the blocks. Image takes one Image; Text takes a Short text, a Long text and a Link.

Like a content type, but for sections. Basic comes with the module: every column takes the same blocks.

RECAP · SITE BUILDERS

Add a Content section field

01

Any fieldable entity

Manage fields › Create a new field › Content section. The example adds Sections to Landing page.

02

Choose what it offers

The content section types the field offers and, for each, the layouts.

03

Turn new types on

New fields offer only Basic, so a new type reaches content editors only once you turn it on.

Content section types and fields are configuration: they export and deploy with the rest of the site.

LIVE DEMO 2

Content editors build a page

Add a section, edit its columns, headings, save and view

RECAP · CONTENT EDITORS

Add a section, fill its columns

01

Add section

On the regular edit form. It lists the types the field offers, each drawn as its columns, with its description.

02

The rules show

A new section shows its column labels and how many blocks each takes, such as “Image, 1 block”.

03

Add block

Lists only what the column takes. When the column is full, it gives way to a note.

Blocks show as they will look on the page; their settings open in a panel beside them, so you never leave the form.

RECAP · CONTENT EDITORS

Headings, settings, save and view

01

Headings

The pill next to a block title sets whether it shows and at which level, so the page keeps a proper outline.

02

Block settings

A panel beside the block: a link’s URL and text, or an image’s alt text and image style.

03

Save and view

Sections save with the content, in its revision, and render in the site’s own theme with core’s layouts and blocks.

Two-column sections stack on small screens. A step-by-step guide with screenshots follows on gloriaswebtech.com.

When it fits, and when it doesn’t

A good fit

- Editors need to stay on the edit form
- Site builders want clear rules per field
- Sections next to other fields, or several per page
- Staying close to core Layout Builder

Look elsewhere

- Laying out the entity’s own fields: Layout Builder
- Free visual design of whole pages: Canvas
- Field options per item, like list values: Paragraphs

Where it’s going

1.0.X

1.0.2

Fixes for saving, uninstalling and inline block cleanup. Merged; the release follows.

1.1.X · TODAY’S DEMO

1.1-dev

Content section types in the UI, Preview, duplicate, the move dialog. Waiting on security coverage.

2.0.X

2.0-dev

Section types only as configuration; the code-defined ones deprecated in 1.1 go.

How to help

Try it

Install 1.1.x-dev on a test site and build a real page with it

Report

Bugs, confusing labels and accessibility problems in the issue queue

Review

Test merge requests, and tell me which section types your sites need

drupal.org/project/content_builder

THANK YOU

Questions?

Module: drupal.org/project/content_builder

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