

frontkom

# University

a Drupal 8 distribution for  
universities and colleges





# About frontkom

- Full service digital agency
- 20 people
- Offices in Fredrikstad, Oslo (Norway) and Funchal (Portugal)
- Typical clients:
  - Media houses
  - Medical sites and apps
  - Universities and colleges
- Open source focus

*frontkom*

*frontkom*



A person is sitting on a rocky cliff, looking out over a vast sea of clouds. The sun is setting in the distance, creating a warm, golden glow. The clouds are thick and white, filling the valley below. The person is wearing a dark jacket and shorts. The overall scene is peaceful and contemplative.

# Background and discovery



# Background

- We have University site experience
- What's a typical University site? - It's not. So flexibility is needed.
- There are distros for universities for Drupal 7 - but not for D8 yet



# Goals

- Make it faster and cheaper to build a high quality Uni site
- Put our experience into code

This means:

- A killer lean starter-theme
- All the content types a university needs
- Modern and user friendly (backend and frontend)
- Support large content hierarchy
- Ease common third party integrations
- Easy installation with nice demo content - give a good overview
- **A fully working solution distro**



# Distro research

Other distros we learn from and test

- Open Social
- Open EDU
- Lighting
- Thunder





[Home](#)[Quick Start Guide](#)[Explore Documentation](#)[Using Open Social](#)[Showcases](#)[Blog](#)[Log in](#)

## Welcome to the Open Social Knowledge Center.

A professional guide for the Basic and Premium versions of the Open Social software.

[INTRODUCTION](#)[30 DAY FREE TRIAL](#)

Open Social created a topic  
2 weeks ago



### Open Social SaaS Release 1.10

26 Oct 2017 · Open Social  
Release

#### UPCOMING EVENTS IN THE COMMUNITY

No events found

[ALL UPCOMING EVENTS](#)

#### NEWEST TOPICS IN THE COMMUNITY





# OpenEdu

- A solid distro
- Quite opinionated
- Organic groups



Powered by Acquia Lightning

## Built with the needs of higher education in mind.

OpenEDU is a pre-configured Drupal 8 implementation specifically built with the needs of higher education in mind. It helps accelerate development of sites by providing a “kickstart” set of features & configurations. OpenEDU provides the base platform for educational websites, and then allows for customization as needed for organizations' specific situation.

[Find Out More](#)





# It's all about your story

Thunder is a free and open-source content management system (CMS)  
for professional publishing

First Thunder Day on 20th November 2017 in Hamburg!

Meet the Thunder Community, share experiences with publishers and IT  
experts, and shape the future of Thunder.

**Hubert Burda Media**

It's  
**Thunder Day!**  
20.11.2017 | Hamburg



# Build on top of other distro?

Long term risk, if original distribution changes direction but...

- **Thunder** is killer!
- Tools that enhance the editorial experience
- It's **flexible**



# Build on top of other distro?

- **Contribute back**
- Enhance, test and move upstream
- Support from a wider community
- Don't Reinvent The Wheel...



# Build on top of other distro?

## With base profile?

- Support for base profile system introduced in branch 8.5.x
- Working patch [drupal.org/node/1356276](https://drupal.org/node/1356276) so:
  - Test the waters with the patch
  - Contribute back and help make it into Drupal Core





Starter pack

vs

Full product distro







# The features




# Case: Høgskulen i Volda

[For studenter](#) [Biblioteket](#) [Om Høgskulen i Volda](#) [English](#)

 HØGSKULEN I VOLDA


[Studietilbud](#) [Studentliv](#) [Forskning](#) [Oppdrag](#) 




## Kunnskap for framtida

Sjå studium med oppstart i januar

Søk på nett-/deltids-/heiltidsstudium

 **Canvas - læringsplattform**


[Sjå alle studium](#) [Flere studentverktøy](#)



08. november 2017

### Fruktbart samarbeid


Gjennom eit nytt samarbeid har Helge Møre og Romsdal, Sjukefjerna helse og omsorg og Høgskulen i Volda klart å utvikle og lafe ein faglag som er viktig for regionen.




08. november 2017


### Lærarutdanningsmiljøet vert digitale spydspissar

Høgskulen i Volda har fått 13,6 millionar kroner til digitalisering av grunnskulelærarutdanninga. – Ei sterk tiltaksplan for å ta i bruk vår, meiner dekan Arne Myklebust.

 9 nov

### Digital lunsj

 11.30 - 12.30

 Berte Kanutte-huset, BK 157

[Alle nyhende](#) [Høgskulen i media](#)


**For deg som skal søke**

[Studietilbud](#)

**Verktøy og tjenester**

[Canvas](#)

**Høgskulen i Volda**

 [Kontakt oss](#)



# An initial feature list

- Editor UX
- Common structure
- Many editors
- Study pages / study topics
- Editor workflow
- Employees listing
- Integrations



# Content types and page templates included

- Courses
- Course (single)
- Employees
- Employee profile (single)
- Departments (tree/overview)
- Department (single)
- Research Projects
- Student Service
- Article
- Flexible landing page
- Events
- Event (single)
- Jobs



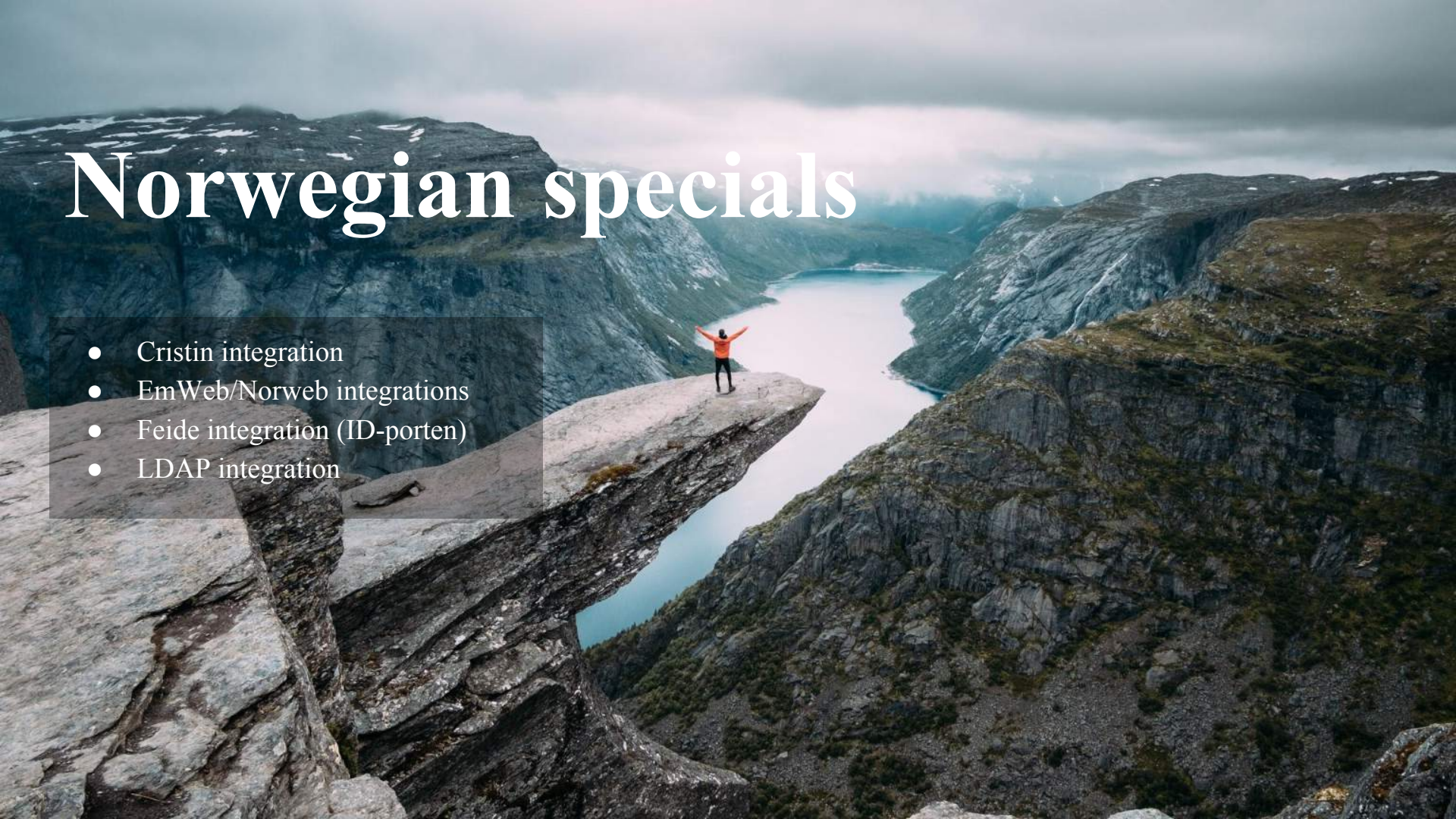
# Standard features

- Easy to use admin theme
- Search result with Solr
- AMP version of articles
- i18n-ready
- Performance friendly
- WCAG 2.0 AA
- Content maintenance tools
- Permissions hierarchi



# Norwegian specials

- Cristin integration
- EmWeb/Norweb integrations
- Feide integration (ID-porten)
- LDAP integration





BIO \*

BILDE



Forhåndsvis

joe-ridley-beth-martin-88800.jpg (11.01 KB)

FJERN



FORNAVN \*

Laura

ETTERNAVN \*

McLelland

POSITION

Professor

CRISTIN ID

Person ID on Cristin

DEPARTMENT \*

-Kunst og handverk

OFFICE NUMBER

G231

PHONE (OFFICE)

+47 69 30 44 00

TWITTER

https://twitter.com

LINKEDIN

https://linkedin.com

INFORMASJON

DESCRIPTION

# Backend cleanup





# Search everywhere

- SOLR
- Misc backend
- Chosen for menus





# Search everywhere

Published status:  Content type:  Tittel:  Skrive av:

Rediger lenke

URL

test

Testar ut yrket frå første stund  
Article

Volda er vertsstad for Der menneske møtest  
Article

Innhald - Side

En seksjonsside for testing  
Article

Innhald - Study Program

Test tilbod  
Article

Media - Bilete

Framsideset  
Media

LENKE \*

URL \*

min

Hans Strøm - seminar

Seminar om nynorsk offentlegheit

Personalseminar 2

Seminar om nynorsk offentlegheit

Programseminar i Norges Forskningsråd

Ope seminar om nynorsk skriftkultur

Ope seminar om nynorsk skriftkultur

Overordna element

----- Publisering

----- Forskningsutval

----- Forskningsutvalet (FU)

----- Innkallingar - saklister -

----- Medlemmar

----- Høyringar

----- Open Access

----- Open Access-prinsipp

----- Publiseringsfond



# Startup documentation and overview

We've all installed some module or distro and got the standard:





Drupal 8

Home

Search



Tools

## Welcome to Drupal 8

No front page content has been created yet.

• [Add new content](#)





What we all want is ...

# Great demo content

- ✓ Install and view a perfectly working site.
- ✓ Demo content should highlight important features.



# University Drupal 8 distribution

[See the features](#)



# Starter theme

Responsive minimalistic starter theme to build on. Copy the theme, and edit as you desire. Or: build your own.

Scaffold utility (Drush and/or Drupal Console).

Isolate "features" in modules, and make it configurable and available for any theme



## Select entities



Select existing

Import image

Import gallery

TYPE

SEARCH NAME AND DESCRIPTION

Gallery

☐ Show only reusable images / stock photos

SEARCH



SELECT MEDIA

# Media browser



TEASER



TEASER TEKST

Etter krigen ble armenske overlevende i stor grad fordrevet fra sine tidligere hjemområder i Tyrkia. Denne overveldende flyktningekatastrofen ble møtt med omfattende og moderne internasjonal bistand.

BRODTEKST \*

Vis radvektor

BODY

SORTER

+ ADD

TEKST \*

B

I

S

x<sup>2</sup>

x<sub>n</sub>

I<sub>k</sub>

E

Normal - Stil - Kilde



- Extend Thunder Article
- Re-organize / group fields
- Add Chosen library
- Tweak alignments



## Rediger Side Frontpage

VIS REDIGER SLETT VERSJONER OVERSETT

### BASIS \*

#### TITTEL \*

Frontpage

#### SEO TITLE \*

University Demo

☒ Disable page header title

### TEASER



#### TEXT

The point of using Lorem Ipsum is that it has a more-or-less normal distribution of letters, as opposed to using 'Content here, content here', making it look like readable English.

### BRØDTEKST \*

Vis radvekter

#### BODY \*

SORTER

+ ADD

#### University Drupal 8 distribution

See the features

Banner

+ ADD

In content navigation like the following:

See a feature summary regular

Links

+ ADD

Content Type: Hendelse

Quantity: 3

Columns: Three columns

Spacing: Medium

Dynamic List

### SPRÅK

Norwegian Bokmål

### Publisert

Sist lagret: 11/11/2017 - 10:29

Forfatter: webadmin

### TITLE ON SITE STRUCTURE \*

Home

### OVERORDNET ELEMENT

<Hjem>

### VEKT

~50

### META TAGS

### SIMPLE XML SITEMAP

### VERSJONSINFORMASJON

### INNSTILLINGER FOR URL-ALIASER

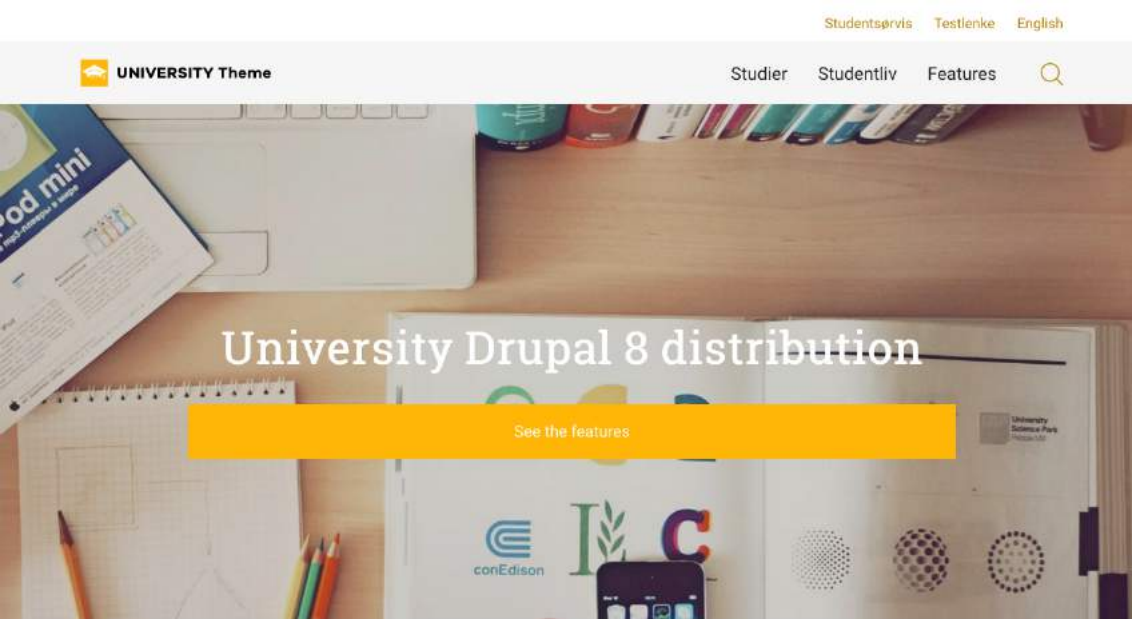
### FORFATTERINFORMASJON

### FREMHEV INNHOOLD

## Build section pages

- Extend regular pages with Paragraphs
- Share features and concept with Thunder Article
- Take over layout / break out of the content box

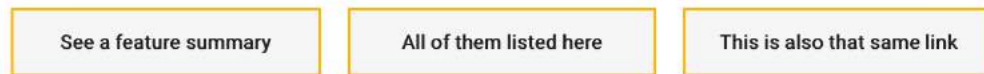




## Build section pages

- Extend regular pages with Paragraphs
- Share features and concept with Tunder Article
- Take over layout / break out of the content box

In content navigation like the following:





BASIS

TITLE

FROM

TO

17 / 11 / 2017

16 : 20 : 28

18 / 11 / 2017

16 : 17 : 29

LOCATION

LOCATION URL

example: "Høgskulen i Volda, KB 159"

MazeMap or Google Maps link

HEADER

SELECT ENTITIES

EVENT

CATEGORY









Studentsøvis ✕

Studentliv ✕

EVENT TYPE

Seminars

DESCRIPTION

B I S  $x^2$   $x_e$   $I_x$          E Normal Styles Source



- Custom content types UI benefit from Thunder out-of-the-box
- Group UI elements
- Remove/hide secondary UI elements
- Add minimal alignments



## Create Study Program

### BASIS \*

#### TITLE \*

A new Study Program

#### STUDY PROGRAM

AIE

#### SUBJECT AREA(S)

Digital kompetanse ✕ Lærarutdanning ✕

#### STUDY MODE(S)

Nettstudium ✕ Heiltid ✕

#### EDUCATION TYPE(S)

Bachelorgrad ✕ Mastergrad ✕

#### ADMISSION TYPE

Kompetanse for ...

#### DURATION

2 semester (1 år)

#### CREDITS

15

#### START SEMESTER

Vår ✕ Haust ✕

#### APPLICATION CODE

213476CO

#### APPLICATION DATE

25 / 11 / 2017 ✕

### HEADER

SELECT ENTITIES

### BODY

#### INTRODUCTION

## UI revamp with Thunder Admin theme

- Chosen library for selections
- Consistent experience between custom content types, with minimal effort





# Roadmap (short term)

1. Make code available on [drupal.org/project/university](https://drupal.org/project/university) (*upcoming!*)
2. Make composer template based on Drupal Project (*upcoming!*)  
*\$ composer create-project front/university-project university*
3. Set up proper demo site (50% done)
4. Create basic documentation
5. Get feedback from the community



A top-down view of a wooden desk. In the top left, a white keyboard is partially visible. Below it, a blue and white book titled 'iPod mini' is open. To the right of the keyboard, a row of pens and pencils in various colors (blue, red, green, yellow) is lined up. In the bottom left, a spiral-bound notebook with a pencil and an eraser lies on it. In the bottom center, a smartphone is placed on top of an open book. The background is a light-colored wooden surface.

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# Thanks!

[demo.drupaluniversity.org](http://demo.drupaluniversity.org)

[rob@front.no](mailto:rob@front.no)

[thorandre@front.no](mailto:thorandre@front.no)