

13.06.2023

Oppdag mulighetene i low/no code

Frend

Frend Digital

Practicalities

- 17:00-19:00
- Break around 18:00
- Food and drinks after the session
- We'll record and take photos
- We'll send you the presentation and recording
- Ask questions!

Magnus Mysen Holm
Leder for Digital Workplace

magnus@frend.no



Magnus Lauvli Andersen
Business Development

magnus@appfarm.io



Thomas Hesselberg
Head of Developer Success

thomas@appfarm.io



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Agenda

Introduction

The technology

- What is low/no code?
- Benefits and disadvantages
- Eco-systems and platform examples

Appfarm: demo

Appfarm: Super Power Hour

Agenda

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Appfarm: demo

Appfarm: Super Power Hour

**We create and manage digital
solutions for ambitious
businesses.**

From A to Z.

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30 techies and strategists passionate about the interplay between business, technology, and people

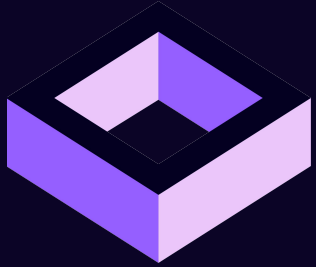
Our promises:

- Strategic
- Holistic
- Agnostic
- Modern
- Tech-savvy
- Sympathetic

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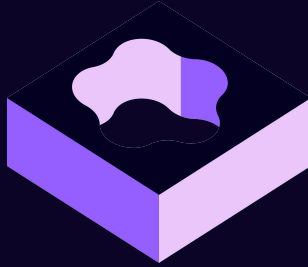


Service areas



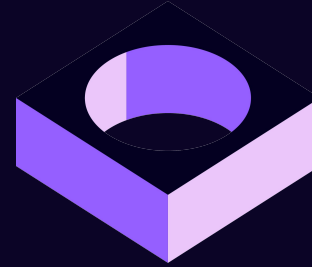
Digital Workplace

- Microsoft 365
- Google Workspace
- Work Management
- Generative AI
- Low-/no code
- CRM



Service

- Helpdesk
- Infrastructure
- Devices
- Security



eCom

- Strategy and advisory
- Design
- Development
- Optimization
- Centra, Shopify, WooCommerce ++

Goals

After today's workshop, you should:

- Have a better understanding of the technology and various tools within low/no code
- Be able to identify relevant low/no code use cases and applications for your business

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The technology

- **What is low/no code?**
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What is low/no code?

82%

**Are unfamiliar with the
term low/no code**

What is low/no code?

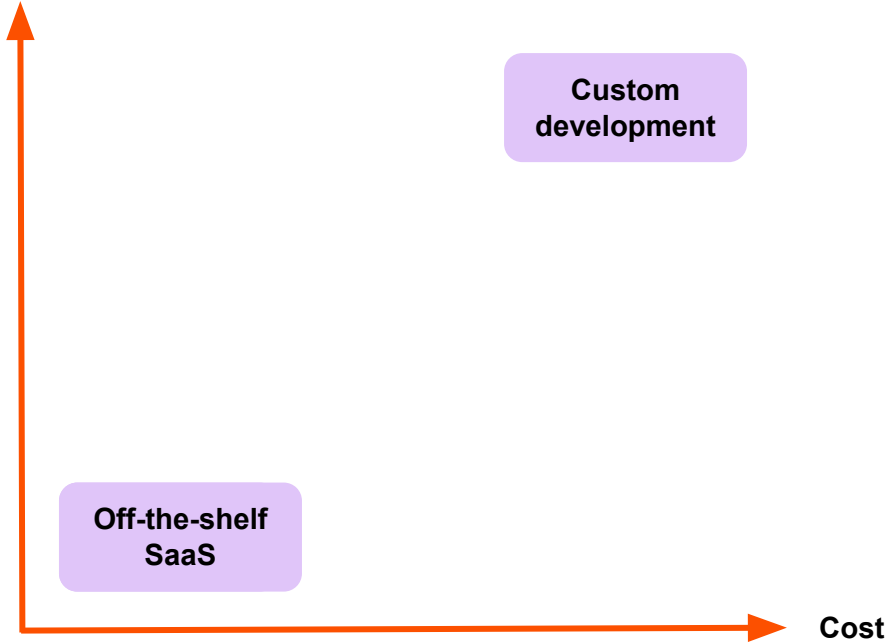
82%

**Are unfamiliar with the
term low/no code**

**So what is
it really?**

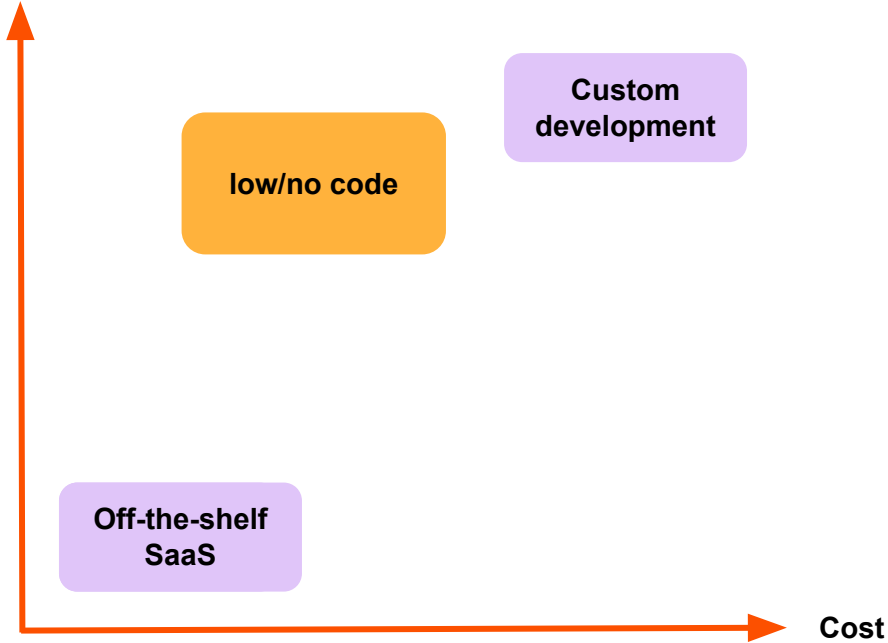
SaaS vs. Custom development

Tailored functionality



SaaS vs. low/no code vs. Custom development

Tailored functionality





AppMaster



Publish

Preview



A



Project



Modules



Backend



Web



Mobile



CI/CD



?

← AM

Screens

Components

IOS

Android

Search component

Circle Bar

List



Webview



Checkbox list



Radio list



Video player



Audio Player



Map



Line chart



Pie chart



Gallery



Lottie animation



Bar chart



Save application

Main screen

Layout

Workflow

Show NavBar



Show Header



Show Footer



APPEARANCE

Image, Gradient or Overlay

+ Add fill

Background color



None

100



“The future of coding is no coding at all”

Chris Wanstrath, CEO at GitHub

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- **Benefits and disadvantages**
- Eco-systems and platform examples

Appfarm: demo

Appfarm: SuperPowerHour

Pros and cons

1

Speed

2

Cost

3

Knowledge

4

Non-native

5

Integrations

Pros and cons

- 1 Specialized functions
- 2 Migration
- 3 Vendor lock-in
- 4 Templates

Pros and cons

1 Speed

2 Cost

3 Knowledge

4 Non-native

5 Integrations

1 Specialized functions

2 Migration

3 Vendor lock-in

4 Templates

The three most important factors to remember are:

1

Speed

2

Cost

3

Knowledge

1

Specialized functions

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- Benefits and disadvantages
- **Eco-systems and platform examples**

Appfarm: demo

Appfarm: SuperPowerHour

As of now there are over 500 low/no code tools and platforms. These can be categorized as follows:

Chatbot, conversational UI

Devops

(Big) Data operations, ETL

Data science, machine learning

**Sales, Marketing,
Customer data**

Trading automation

Blockchain appbuilder

**Workflow automation,
BPM, IPaaS**

**Internal tooling, internal
appbuilder**

Game builder

**E-commerce website
builder**

**Website, and webapp
builder**

Mobileapp builder

You have probably heard of and used one of them already

Chatbot, IVR, Conversational UI

DevOps

(Big) Data Operations, ETL

Data Science, Machine Learning

Sales, Marketing, Customer Data

Trading Automation

Blockchain App Builder

Workflow Automation, BPM, iPaaS

Internal Tooling, Internal App Builder

Game Builder

E-commerce Website Builder

Website & Web App Builder

Mobile App Builder

Note: This is an opinionated list of companies. No code, low code or no code form yet to be fully defined.
* This is not meant to be an exhaustive list. New titles and products arrive daily in this fast-paced space.

Defining the ecosystem

No-code tools

Require zero coding



Defining the ecosystem

No-code tools
Require zero coding

Low-code tools
Require some coding



Defining the ecosystem

No-code tools

Require zero coding

Low-code tools

Require some coding

Traditional software

Require extensive coding



Defining the ecosystem

No-code tools

Require zero coding

Low-code tools

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Require extensive coding



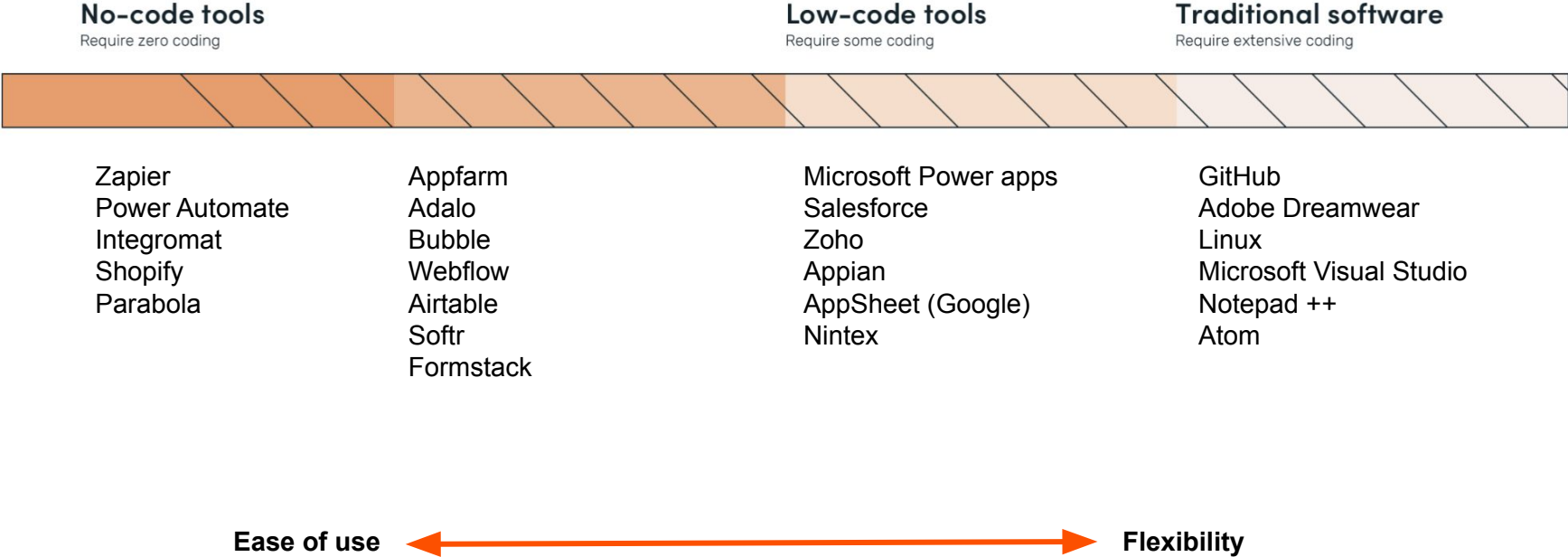
Zapier
Power Automate
Integromat
Shopify
Parabola

Appfarm
Adalo
Bubble
Webflow
Airtable
Softr
Formstack

Microsoft Power apps
Salesforce
Zoho
Appian
AppSheet (Google)
Nintex

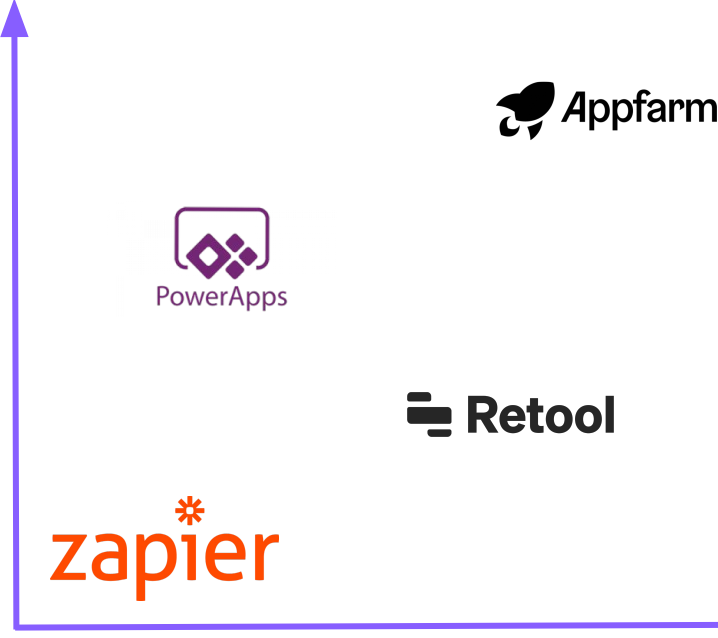
GitHub
Adobe Dreamwear
Linux
Microsoft Visual Studio
Notepad ++
Atom

Defining the ecosystem



Use cases low/no code

Size of problem



PowerApps

Competitive mapping



Power Automate

Power Automate

Power automate is a platform to create repeatable flows triggered by specific events for Azure and Microsoft based companies



Use cases

- **Automating repetitive tasks**
Such as moving data from one system to another
- **Triggering based on input and then giving output**
Such as automatically creating teams based on records being created in a CRM og ERP system
- **Automating desktop and website based processes**
For example a person needs to retrieve exchange rates daily from a external server and then copy them into a company spreadsheet

Power Automate

When a new task is created

+

Post message in a chat or channel

- * Post as: User Show options
- * Post in: Channel
- * Team: Add team ID
- * Channel: Add channel ID
- * Message: Font 12 **B** *I* U Add message
- Subject: Add message subject

Show advanced options

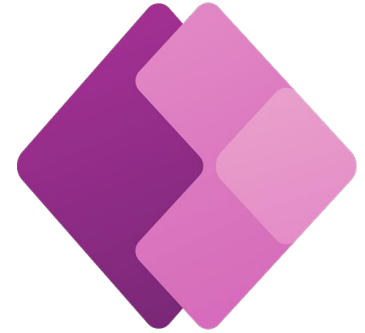
+ New step

Save

Power Apps

Power Apps

Power Apps is a platform from Microsoft that allows people that don't write code to create internal business applications



Use cases

- Application for onboarding of new employees
- Application for booking of desks, parking and meeting-rooms
- Employee-self service application for handling internal tickets (IT, HR, Maintenance etc.)

Power Apps

The screenshot displays the Power Apps development environment. On the left, a 'Tree view' sidebar is open, showing a hierarchy of screens and components. The 'Screens' tab is active, and the 'Oversikt' (Overview) screen is selected. The main workspace shows a list of projects under the heading 'Prosjekter'. The list includes five items, each with a Teams icon on the right. A search bar at the top right of the list is labeled 'Søk i Teams'. To the right of the list is a 3D isometric graphic of a purple cube with an orange cube inside it.

Tree view

- Screens
- Components
- Search
- New screen
- App
- Opprett prosjekt
- Venter
- Oversikt
- Søk

Prosjekter

Søk i Teams

Legg til prosjekt + Sorter || Oppdater oversikt ↻ Spill opp i liste

B3 Schlägergården hage	
Forbedring av interne prosesser	
Kantine Mustadsvel 1 - Mats&Martin	
Opplæring i Teams	
Restrukturering av SharePoint og Teams	



MT

MVP_TEMPLATE 🗄️

Public group ☆ Not following 👤 4 members

Home

Documents

Projekter

Shared with us

Kunder

Login-Credentials

Tegninger

ProjekterTripletex

PlannerProjekter

Site contents

Recycle bin

Edit

+ New

Edit in grid view

Share

Export

Automate

Integrate

...

All Items



Projekter ☆

Title	Kunde	Projektnummer	Prosjektleder	Lenke til SharePoint	+ Add column
Restrukturering av SharePoint og Teams	Nordman hansen AS	7890	Arne Berg	https://frendno.share...	
Opplæring i Teams	Murer fabrikken	9483920	Emil Moland	https://frendno.share...	
Forbedring av interne prosesser	Den glade hjelper	948392094233	Celine Solheim	https://frendno.share...	

Power Apps > Create an app

Power Automate > See all apps

Power BI > Customize forms

← Back | ↶ | 📄 | + Insert | 📊 Add data | 🖥️ New screen | 🗨️ Theme | 🎨 Background color | 🖼️ Background image | ⚙️ Settings ...

Fill = fx White

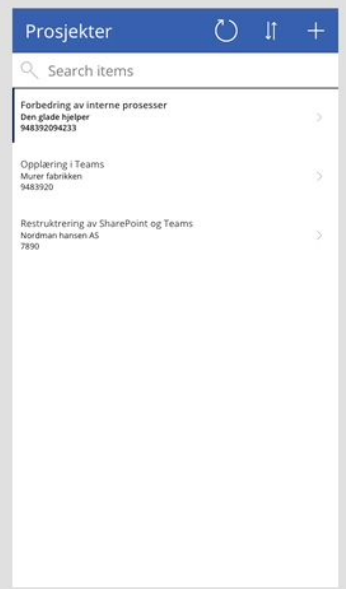
Tree view

Screens Components

Search

+ New screen

- App
 - BrowseScreen1
 - BrowseGallery1
 - Rectangle11
 - SearchIcon1
 - TextSearchBox1
 - IconNewItem1
 - IconSortUpDown1
 - IconRefresh1
 - LblAppName1
 - RectQuickActionBar1
 - DetailScreen1
 - FullScreen1



SCREEN ?

BrowseScreen1

Properties Advanced Ideas

Fill

Background image None

Image position Fit

Retool

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Retool

Retool is a Drag and Drop platform, made to build internal tools and dashboards independent of cloud platform



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Use cases

- Admin panels and dashboards with data from several cloud platforms
- Update a spreadsheet in Retool and automatically update in every other platform
- Create a internal data visualisation application based for each department

Header

Main

_id	title	completed	list
3079265318C ...	Walk the dog	✗	{ "title": "Chore ...
30792653181 ...	Feed the cat	✗	{ "title": "Chore ...
30792653181 ...	Buy milk	✓	{ "title": "Chore ...
30792656621 ...	Run 5 miles	✗	{ "title": "Exerci ...
30792656621 ...	Swim for 30 m ...	✗	{ "title": "Exerci ...

All queries completed.

Inspect

Insert

Components

Modules

Search components

Commonly used



Table



Text Input



Number Input



Button



Select



Text



Container



Tabs



Form



Chart



Key Value



Modal



Image



Navigation

Search

+ New



General

Response

Advanced

allTodos



Preview

Showing all 1

allTodos

1.0s



fdb-test2 (graphql)

Edit resource

Run query automatically when inputs change

Query ran successfully.

Response

API Request

Explorer

Search

A GraphQL schema prov

Text inputs



Editable Text



Email



JSON Editor



Password



Rich Text Editor



Text Area



Text Input



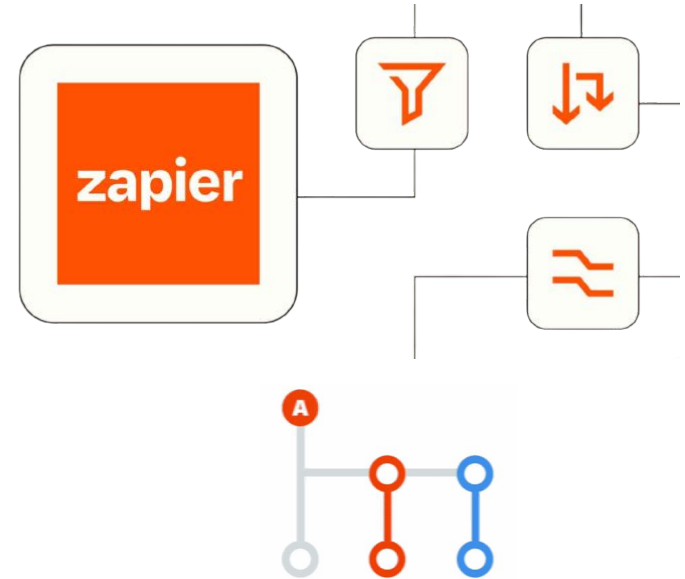
URL

Zapier

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Zapier

Zapier is a no-code automation tool that lets you create workflows and integrations across cloud platforms



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Here is how Zapier works



1. Triggers



2. Actions











3. Zaps


Use cases

- Automatically send out a feedback form to a customer when a project is completed
- When a new lead is registered in a CRM system, send a message to the sales channel in Teams
- When a new project is registered, automatically update a spreadsheet or the internal resource program



Attach Files to Zendesk Tickets

-  TRIGGER
1. New Attachment
- 
-  SEARCH
2. Find a Ticket
- 
-  ACTION
3. Attach File to Ticket
- 
-  ACTION
4. Upload File
- 



Select Box Action

CREATE

- Create Text File**
Creates a brand new text (.txt) file from plain text content you specify.
- Upload File**
Copy an already-existing file from another service to Box.
- Add User as Collaborator**
Adds an individual user as a collaborator on a folder.

SEARCH

- Find a Folder**
Search for a specific folder by name.
- Find a File**
Search for a specific file by name.

[show less common options](#)

[Continue](#)

Appfarm

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Break

**La oss ta en
workshop!**



Scan QR-koden og fyll ut skjemaet

**fre
nd**