

- What no-code teaches us about building software

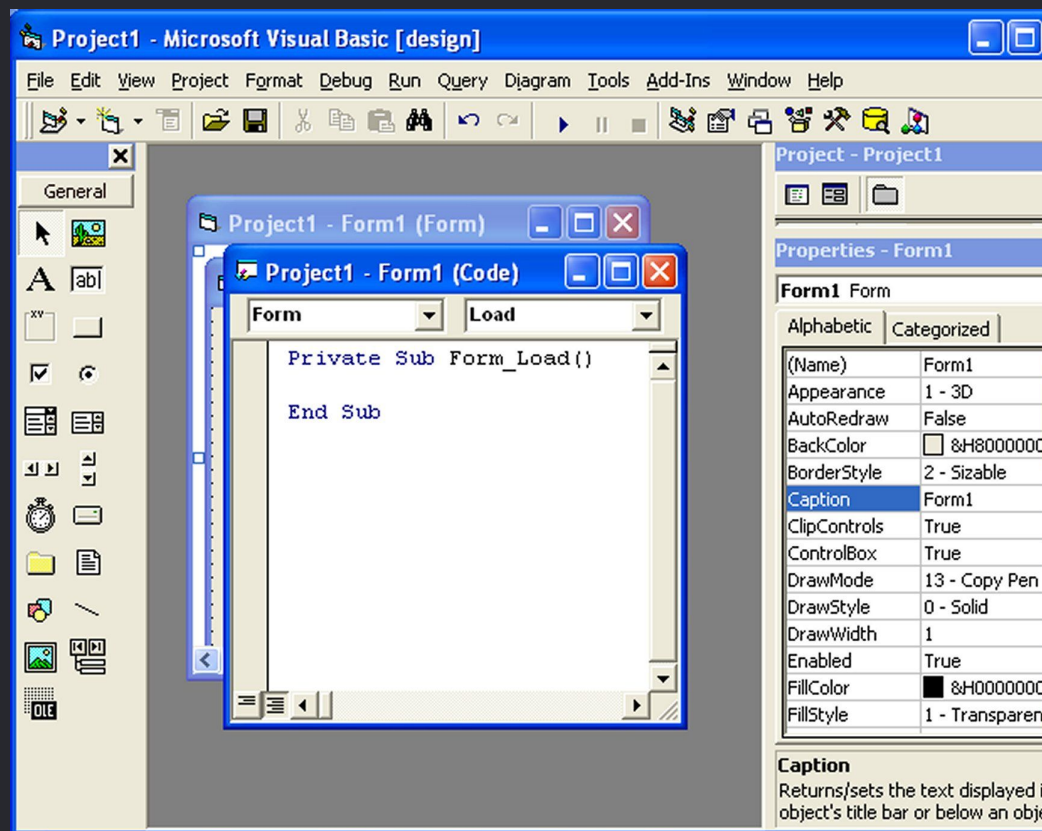
Katie Bell - YOW! 2021

○ It's 2002

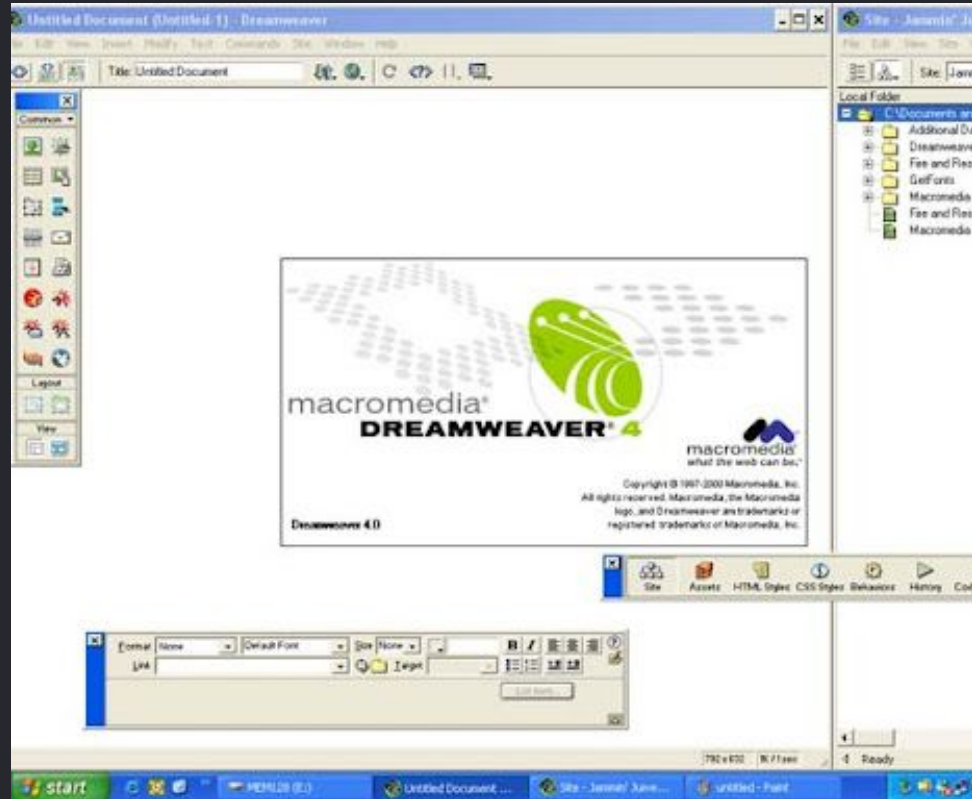
avril lavigne.complicated



Visual Basic



Dreamweaver



- These tools were empowering

- back to 2021...

📄 MUST READ: [Windows 11: Here's how to get Microsoft's free operating system update](#)

Low-code and no-code software redefines developer jobs

'Technology leaders need to help business leaders see the best practices, not just keep the computers running.'

Forbes

The Low-Code/No-Code Movement: More Disruptive Than You Realize



Jason Bloomberg Former Contributor

Enterprise & Cloud

I write and consult on digital transformation in the enterprise.

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Survey: Low-code and no-code platform usage increases



by **Melanie Wolkoff Wachsman**
for TechRepublic Premium

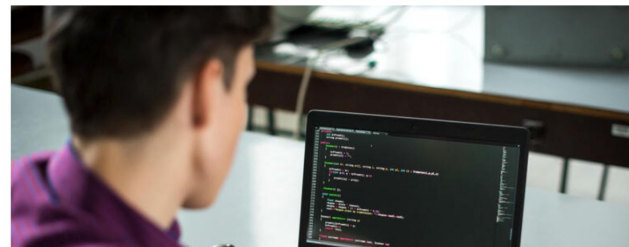


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47% of respondents' organizations currently use the technology.



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No-code platform

Tool for building custom software without writing any code.

Low-code platform

Tool for building custom software where large parts can be written without code.



WIX

zapier



automate.io



integromat

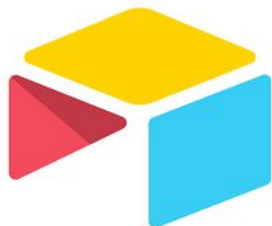


shopify



SQUARESPACE

Adalo



Retool



webflow

drapcode

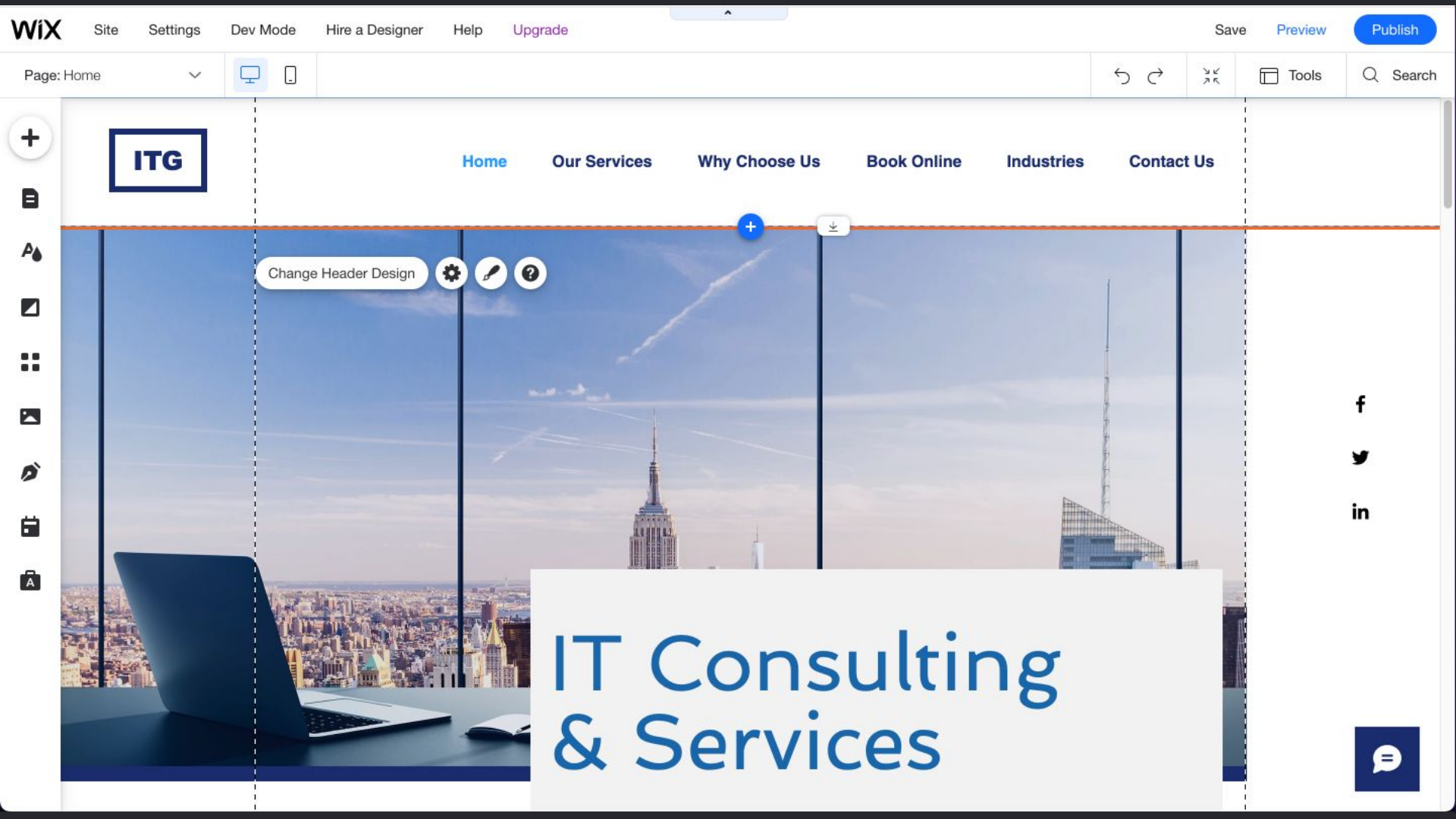


mailchimp



Welcome to our
whirlwind tour of
the no-code world

- Stop 1: Website builders



- Stop 2: Data managers

Untitled spreadsheet - Google

docs.google.com/spreadsheets/d/1UThJLTkKwZ32vWzLMNjChwaL9-zcgB5v6hJSyFYvmI9o/edit#gid=0

Untitled spreadsheet

File Edit View Insert Format Data Tools Add-ons

100% \$ % .0 .00 123

	A	B	C	D
1				
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Sheet1

Request a Quote

docs.google.com/forms/d/e/1FAIpQLSc-XqQ91Ilv0Cj4aemBKylOXqN78_E0XBSXTkxvc5Duawlkvg/viewform

Name *

Your answer

E-mail address *

Your answer

Phone number *

Your answer

What work do you need done?

☐ Inspection

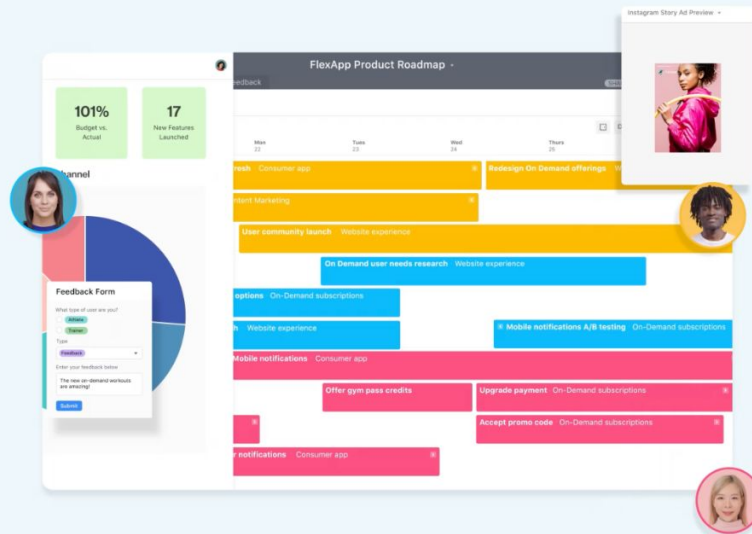
☐ Repair



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Design projects ▾

Task

VIEWS

All projects



Find a view



All projects ✓



Incomplete proje...



Completed proje...



Project calendar



Due dates only



Form

Create... ▾



Grid +



Form +



Calendar +



Gallery +



Kanban +



Timeline +



Gantt +

Section +

17 records

← Back



Page designer

Design a template page to print your records

With the page designer app, you can create your own invoices, business cards, catalogs, real estate feature sheets, casting sheets, and more—all using the data directly from your records.

Pick a page size and orientation, and design the layout of your 2D dreams using fields from your table and custom static text and images. When you're done making everything look beautiful, you can print out your records or turn them into PDFs.

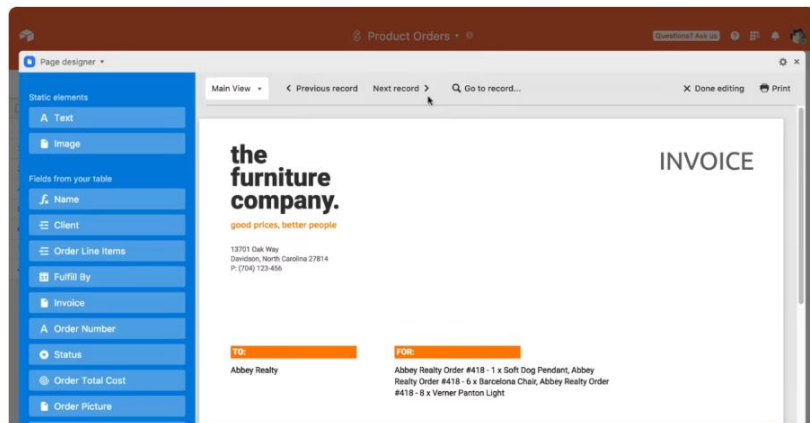
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Last updated

April 3rd, 2021



- Stop 3: Automation tools



All Bots > Twitter - New Mention

Bot Activity

Save

Trigger

Action 1



Code



Run Javascript

Ensure that these keys are present in return object inside the Code Block.

Code Block

required

```
1 //To return the Output Fields, Use below format.
2 //return {Id: 10, Name: 'John Doe'}
3 let a=10,b=20
4 return {sampleOutput: a+b}
```



Sentiment Analysis



Analyze Text

Output Fields

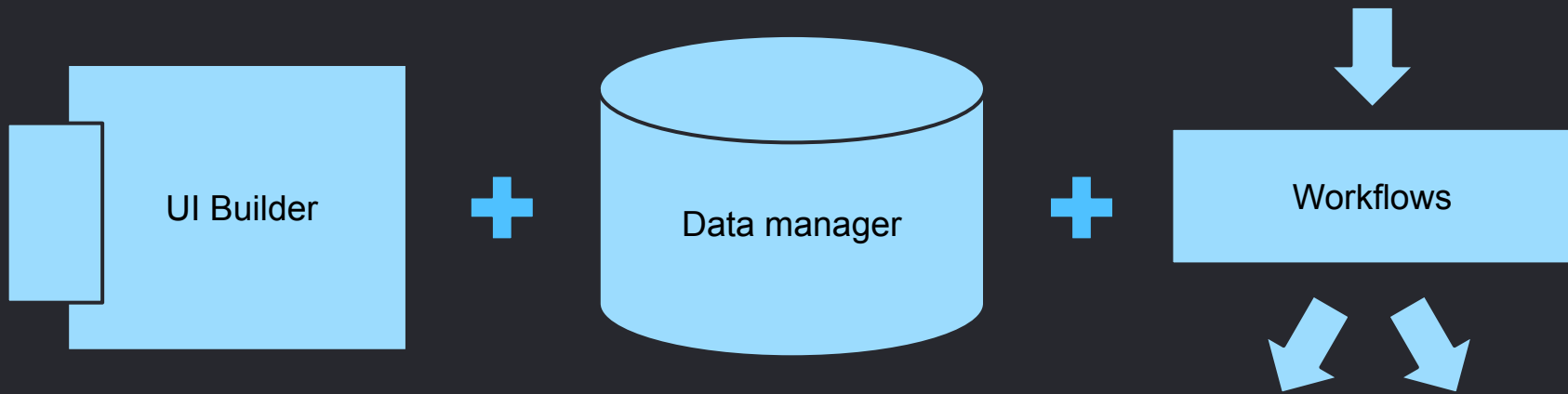
Sentiment

Positive Percentage

Negative Percentage

Neutral Percentage

Mixed Percentage



- Stop 4: App-builders

- AppSheet



SAVE

K



Not Deployed

Actions

Workflow

Reports

Offline/Sync



Home



Info



Data



UX



Behavior



Automation



Security



Intelligence



Users



Manage

Search for help

Available



Create Repeat Shifts

effect: App: go to another view within this app



Sign-Up

effect: Data: add a new row to another table using values from this row

Booked



Clock In

effect: Data: add a new row to another table using values from this row



Request Cover

effect: Data: add a new row to another table using values from this row

controls



Loop 1: add to available

effect: Data: add a new row to another table



17

Shift Sign Up



Location North 8



Wed, Dec 01, 2021 7:00 PM (4 hours)

Available Shifts: 1



Wed, Dec 01, 2021 3:00 PM (4 hours)

Available Shifts: 2



Wed, Dec 01, 2021 11:00 AM (4 hours)

Available Shifts: 3



Wed, Dec 01, 2021 7:00 AM (4 hours)

Available Shifts: 2



Shift Sign Up



Cover Requests



My Shifts

Preview App as



katie@katharos.id.au

Apply

View: [Available \(Users\)](#) | Table: [Available Shifts for Users](#)

- Bubble.io

<https://bubble.io/how-to-build>

Speaker Search

speaker-search2.bubbleapps.io/version-test?debug_mode=true

Update speaker profileLog out

Find a speaker for your conference or meetup!

Search...

Location

Filters


Experience

☒ Beginner

☒ Some Experience

☒ Confident Speaker

☒ Very Experienced




Joe Bloggs

Lead Developer at Widgets R US

Can speak on technical topics, Java, Spark, Big data pipelines and machine learning.

New to speaking but looking to continually improve with practice.

Sydney NSW, Australia
Beginner



Sarah Jones

Senior Developer Realitions Engineer at Goooble

Another awesome speaker

Melbourne VIC, Australia
Confident Speaker

Debugger

Normal

Slow

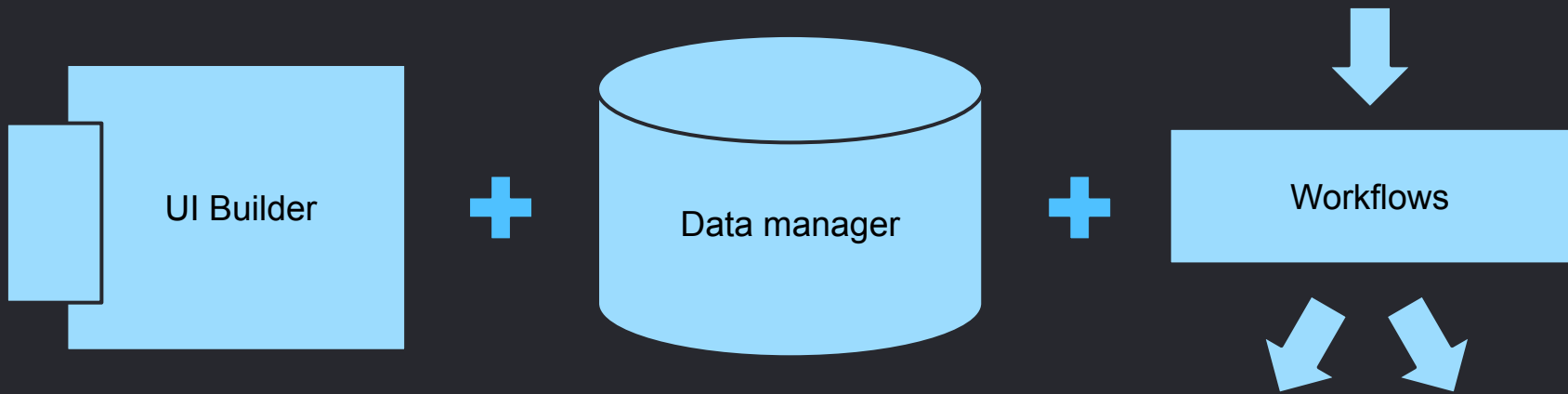
Step-by-step

Hero

Inspect

Show responsive boxes





- To code or to no-code?

- ~~To code or to no-code?~~
Do you already know how to code?



- What are your options?

1. Learn to code full-time for ~12 weeks
2. Persuade your organisation's in-house dev team to help
3. Hire developers
4. No-code tools

- The bar is low

- What if you *can* code though?

- Development principles

- Don't reinvent the wheel
- Less code is better

- Ask yourself:

- Who will contribute to this project?
- Who will maintain this project?
- Does it need complex data processing or logic?
- Does it need to be highly customised or differentiated?
- Does it need to be optimised for performance?

Landing page

Marketing copy

Analytics

CRM integration

A/B testing

The product itself

Internal tools

Support tools

Custom pricing

Report generation

Finance data

Usage statistics

\$27.2 Billion Global Low-Code Development Platform Market 2017-2022 by Component, Deployment Mode, Organization Size, and Vertical - ResearchAndMarkets.com

January 16, 2018 11:41 AM Eastern Standard Time

DUBLIN--(BUSINESS WIRE)--The "Low-Code Development Platform Market by Component (Solution and Services (Professional and Managed)), Deployment Mode, Organization Size, Vertical (Telecom and IT, BFSI, Government), and Region - Global Forecast to 2022" report has been added to **ResearchAndMarkets.com's** offering.

"Low-Code Development Platform Market by Component (Solution and Services (Professional and Managed)), Deployment Mode, Organization Size, Vertical (Telecom and IT, BFSI, Government), and Region - Global Forecast to 2022"

 [Tweet this](#)

Research projects the global low-code development platform market size to grow from USD 4.32 Billion in 2017 to USD 27.23 Billion by 2022, at a Compound Annual Growth Rate (CAGR) of 44.49% during the forecast period.

The constant increase in demand for software automation and innovative applications, along with the ease of development of web and mobile apps, is expected to have led enterprises of all sizes to adopt the low-code development platform. Moreover, the cloud-based deployment mode is gaining high traction in the market, as it requires less capital investment, helps

decrease the operational and maintenance costs, and reduces the management's efforts. The cloud-based low-code development platform is customized and customers can start or stop any service, at their will. The low-code development platform helps organizations design and develop robust web and mobile applications at a lower cost and higher speed.

North America is estimated to hold the largest market size in 2017. The increasing penetration of the internet and the growth in the deployment of web and mobile applications for business operations are said to be driving the need for the low-code development platform. Furthermore, the rapid economic growth in the major countries, along with the need for quickly developing application is said

Drivers

- Organizations' Need for Web and Mobile Apps for Their Business Processes
- Increasing API Offerings By Vendors
- Proliferation of Smartphones Across Various Industries

Restraints

- Resentment From the Technical Teams in Organizations

Opportunities

- Ongoing Trend for Digitization in the IT Industry
- Rising Demand for Software Automation and Innovative Applications

Challenges

- Need to Build the Customized Applications in Line With the Organizational Needs

- Developers tend to be more resistant to no-code tools

- Concerns with no-code tools
 - Ownership and maintenance
 - Vendor lock-in
 - Integration with dev tools
 - Security and data privacy
 - Fear of the unfamiliar
 - A little bit of snobbery

People in your organisation

- will want to use no-code tools

Try to support them

- Expect more from no-code tools
Both flexibility and performance

- Your job is probably safe
Your skillset is valuable

- There will be new types of jobs
No-code developers already exist

- Be open to a mixed world
Use the best tool for the job



Thanks! Questions?

@notsolonecoder

katiebell.net