

LOW CODE
IS COMING





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App dev is HARD!



Why is app dev hard?



DON'T CARE HOW

I WANT IT NOW!

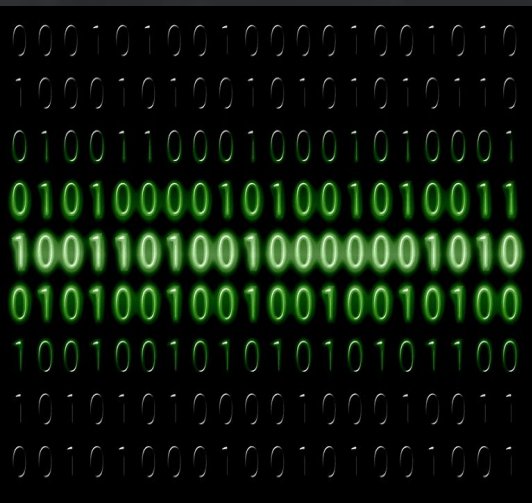


Talent Shortage

Figure 1. Top Five Risks by Overall Risk Score: 1Q18, 2Q18, 3Q18, 4Q18

Rank	Q1 2018	Q2 2018	Q3 2018	Q4 2018
1	Cloud Computing	Cloud Computing	Accelerating Privacy Regulation	Talent Shortage
2	General Data Protection Regulation	Cyber Security Disclosure	Cloud Computing	Accelerating Privacy Regulation
3	Cyber Security Disclosure	General Data Protection Regulation	Talent Shortage	Pace of Change
4	Global Economic Slowdown	AI/Robotics Skill Gap	Cyber Security Disclosure	Lagging Digitization
5	Social Engineering	Global Economic Slowdown	AI/Robotics Skill Gap	Digitization Misconceptions

AI = Artificial Intelligence
Source: Gartner (January 2019)





```
def add_forty_two(n)
```

```
    pushq %rbp  
    movq  %rsp, %rbp  
    addl  $42, %edi  
    movl  %edi, %eax  
    popq  %rbp  
    retq
```

```
end
```



```
#include <stdio.h>

#define IN 1    /* inside a word */
#define OUT 0   /* outside a word */

/* count lines, words, and characters in input */
main()
{
    int c, nl, nw, nc, state;

    state = OUT;
    nl = nw = nc = 0;
    while ((c = getchar()) != EOF) {
        ++nc;
        if (c == '\n')
            ++nl;
        if (c == ' ' || c == '\n' || c == '\t')
            state = OUT;
        else if (state == OUT) {
            state = IN;
            ++nw;
        }
    }
    printf("%d %d %d\n", nl, nw, nc);
}
```

```
public class MaxVariablesDemo {
    public static void main(String args[]) {

        // integers
        byte largestByte = Byte.MAX_VALUE;
        short largestShort = Short.MAX_VALUE;
        int largestInteger = Integer.MAX_VALUE;
        long largestLong = Long.MAX_VALUE;

        // real numbers
        float largestFloat = Float.MAX_VALUE;
        double largestDouble = Double.MAX_VALUE;

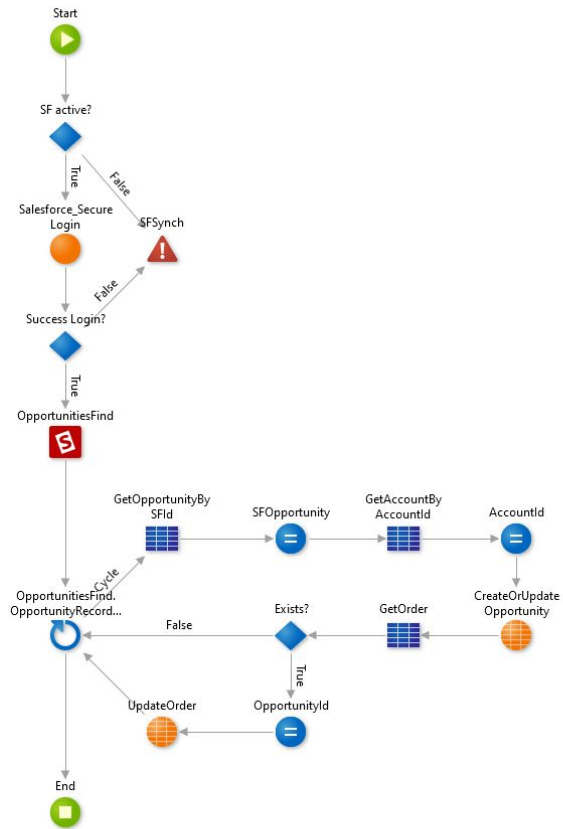
        // other primitive types
        char aChar = 'S';
        boolean aBoolean = true;

        // display them all
        System.out.println("The largest byte value is " + largestByte);
        System.out.println("The largest short value is " + largestShort);
        System.out.println("The largest integer value is " + largestInteger);
        System.out.println("The largest long value is " + largestLong);
    }
}
```



```
h1 {  
  font-family: courier, courier-new, serif;  
  font-size: 20pt;  
  color: blue;  
  border-bottom: 2px solid blue;  
}  
p {  
  font-family: arial, verdana, sans-serif;  
  font-size: 12pt;  
  color: #6B6BD7;  
}  
.red_txt {  
  color: red;  
}
```





At the end of the day



So... what is low code??

It's a different way of delivering enterprise
scale web and mobile applications.

Low-Code Platforms -- Multiexperience Development Platforms

Figure 1. Magic Quadrant for Enterprise Low-Code Application Platforms



Source: Gartner (August 2019)

Figure 1. Magic Quadrant for Multiexperience Development Platforms



Source: Gartner (July 2019)

So - what do I really need to know?

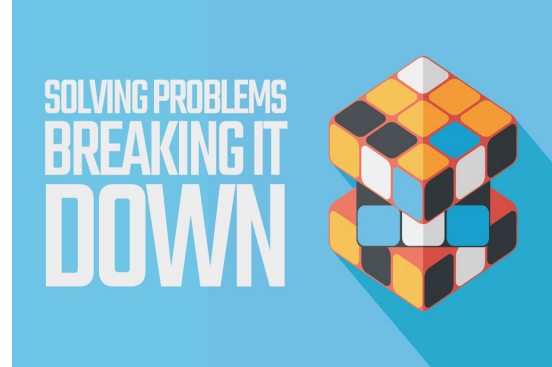
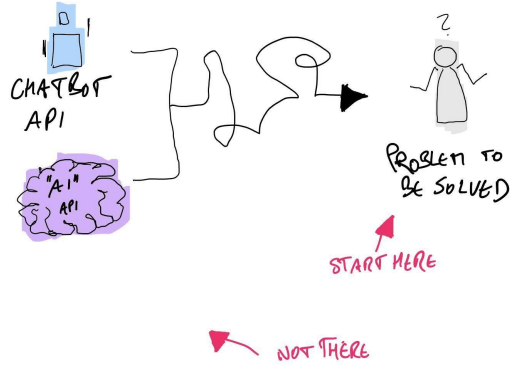
Low code is just a tool in my tool belt.



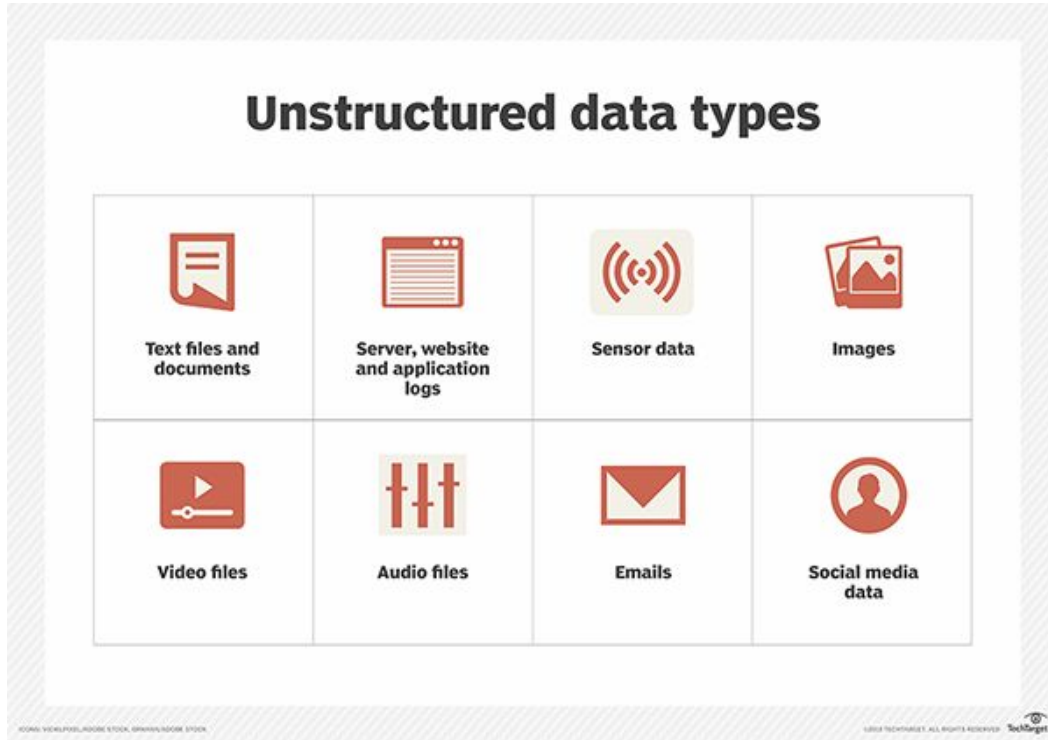
No tool is right for every job.

Knowing how and which is the most important thing.

What are the *most* important skills?



Pick a database technology



Time for a demo



A full-page background image featuring an astronaut in a white spacesuit floating in the vastness of space. The astronaut is holding a silver laptop in front of them. The background is a deep black, filled with numerous small, bright white stars, creating a sense of being in outer space. The astronaut's helmet is clear, showing their face. The overall mood is serene and futuristic.

Thank You!