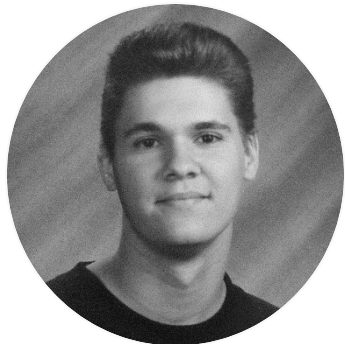


Increase Productivity: Add a Dev Console to Your App with JavaScript

WHAT IS A DEV CONSOLE?



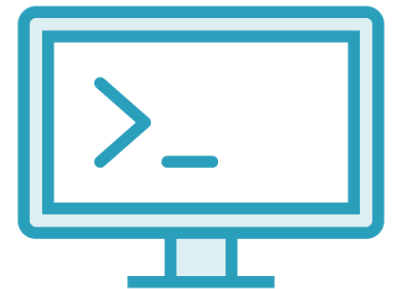
Carlos Saloio

WEB DEVELOPER

csaloio1@yahoo.com www.codedark.xyz



What Is a Dev Console?

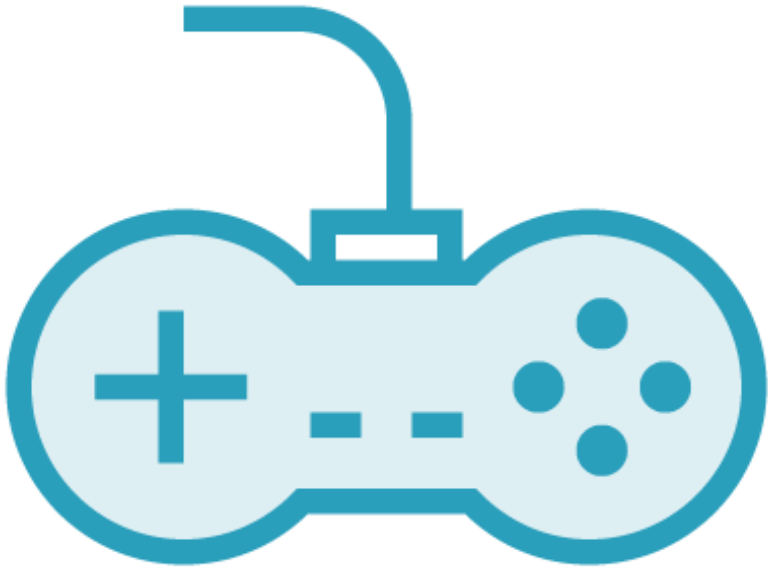


Developer Console

A CLI (command line interface) allowing a user to enter commands to perform various tasks within an application.



Popular Software with Consoles

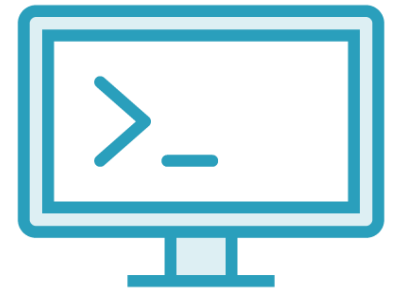


Quake

The Elder Scrolls

The Witcher

Why Create a Console for Your App?



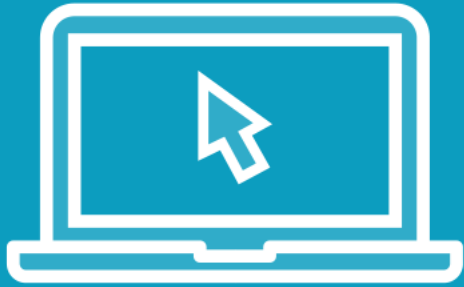
Here Be Dragons



	ProductID	Name	Price	Quantity
Edit	1	Apple	2.99	39
Edit	2	Watermelon	3.33	22
Edit	3	Orange	2.01	16
Edit	4	Grape	1.99	50

CRUD Master 2000

Business App



Data Access	
C	Create
R	Read
U	Update
D	Delete



```
UPDATE Account SET IsLocked=0 WHERE Username='jane'
```

Code to Unlock an Account

Can be done in one line of SQL.





Faster user workflow

Reduces network traffic

Not all input lends itself to a GUI

It's fun!

Dramatically reduces development time



```
UPDATE Account SET IsLocked=0 WHERE Username='jane'
```

Code to Unlock an Account



Graphical user interfaces
are great!



A Dev Console Can Buy You Time



Required Skills / Project Setup



Skills You Should Know



HTML

Only a very basic understanding needed.



CSS

Only a very basic understanding needed.



JavaScript

Should have some prior experience.



What About the Server?



Server Examples



Node.js

An open-source runtime environment for server-side Web applications.



ASP.NET

An open-source server-side Web application framework developed by Microsoft.



Let's Begin!

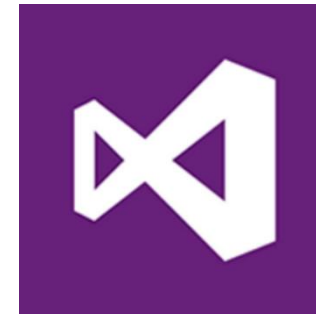


Viewing a Page During Development



Directly in browser

You could view the page directly in a browser such as Firefox.



Using an IDE

You could host the page in a server launched by your IDE such as IIS Express.



Live Server for Development



Summary



What is a dev console?

Why create a console?

Required skills

Project setup

What's next?

