GitHub Copilot – Tab Your Way to Success?

Prairie Dev Con

November 2023

GitHub Copilot

- What is it?
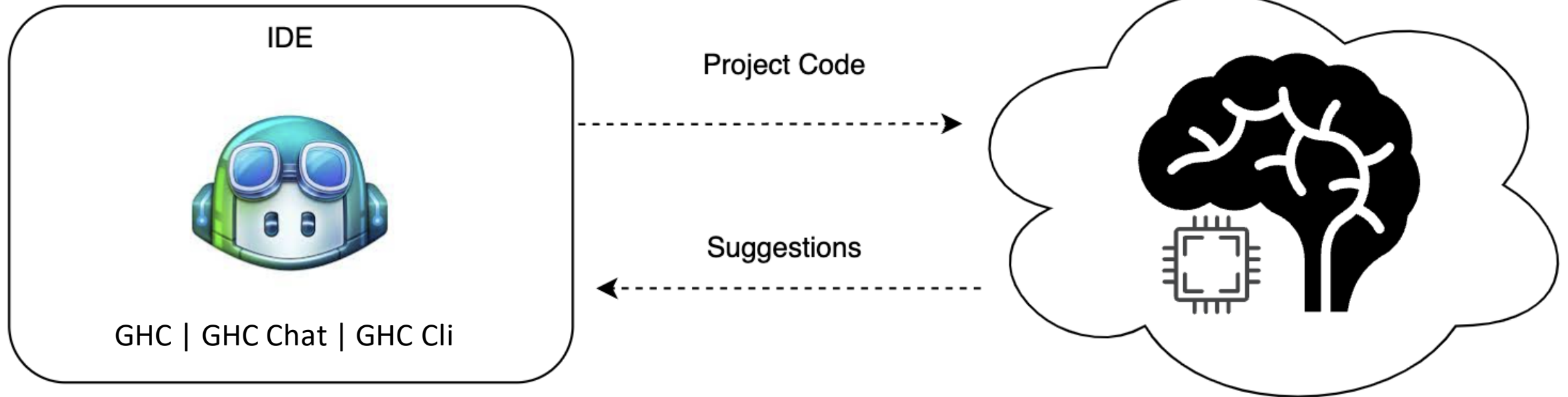- Context / Prompts
- Share Experiences
- Demo
- Challenges
- Key Takeaways

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What Is It?

IDE

GHC | GHC Chat | GHC Cli
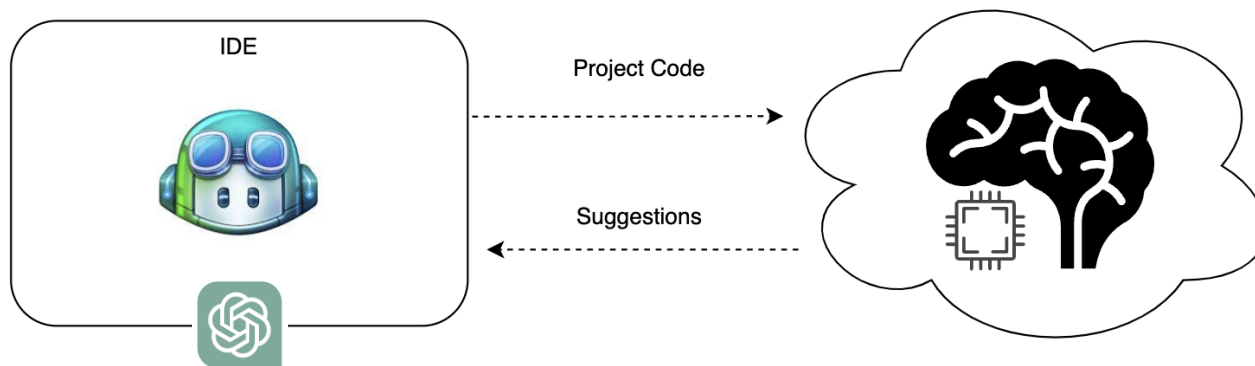
Project Code →

Suggestions ←

"GitHub Copilot Individual...Retention of Prompts and Suggestions: You have the option to decide whether Prompts and Suggestions are retained by GitHub and shared with Microsoft. "

"GitHub Copilot Business does not retain any Prompts or Suggestions."

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Context / Prompts

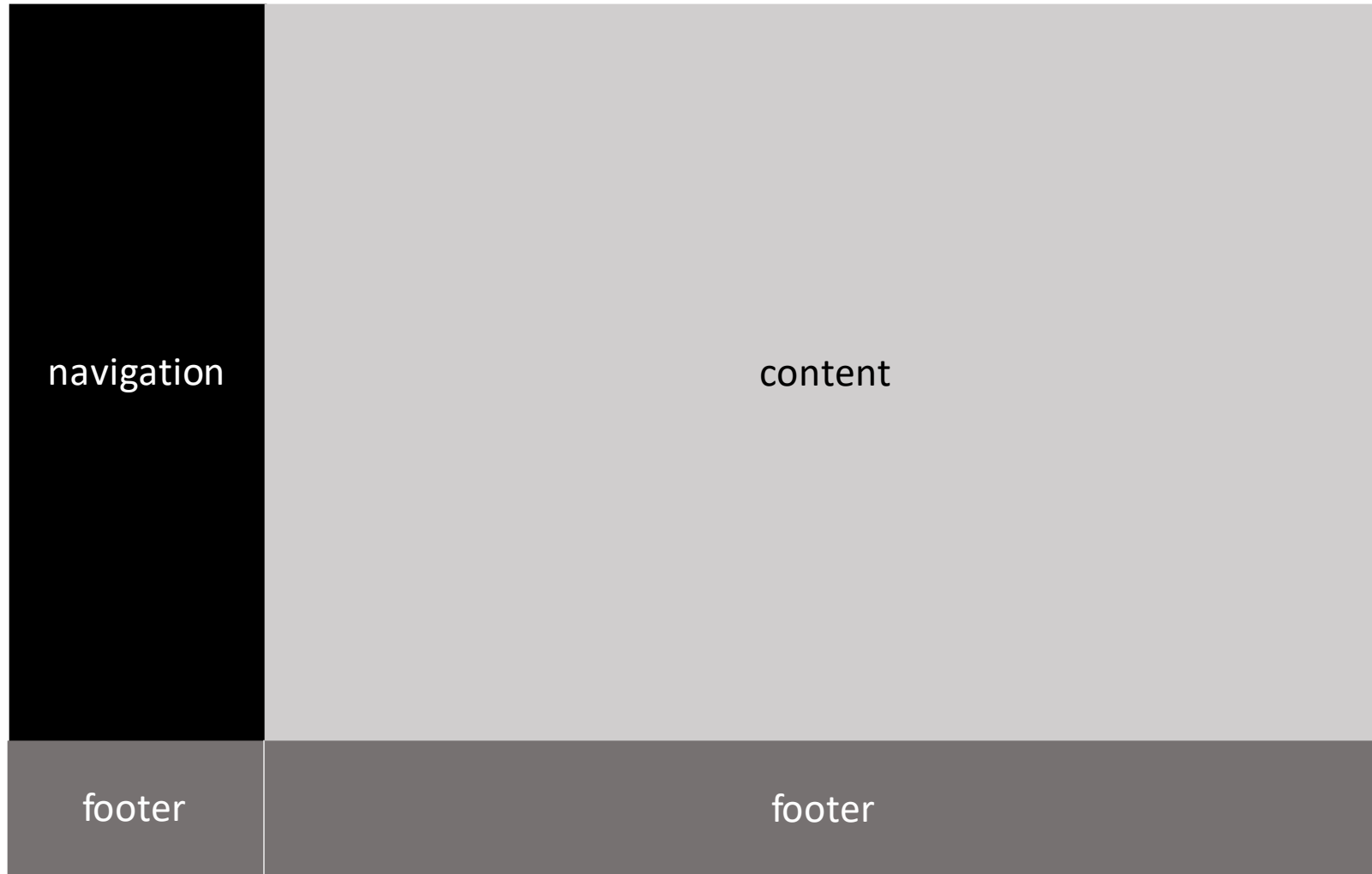

- ❖ Current File
- ❖ Comments
- ❖ Fill in the middle
- ❖ Neighboring Tabs
- ❖ Function Names
- ❖ Consistency / Predictable
- ❖ Others...

```csharp
// Playlist domain object with readonly properties of Id, Name and Songs

namespace Example.Core.Domain;

public class Playlist
{
    public int Id { get; }

    public string Name { get; }

    public IReadOnlyCollection<Song> Songs => _songs;

    private readonly List<Song> _songs = new();

    public Playlist(int id, string name)
    {
        Id = id;
        Name = name ?? throw new ArgumentNullException(nameof(name));
    }

    public void AddSong(Song song)
    {
        //check for duplicates
        if (_songs.Any(s => s.Id == song.Id)) return;
        _songs.Add(song);
    }

    public void RemoveSong(Song song)
    {
        _songs.RemoveAll(s => s.Id == song.Id);
    }
}
```

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My Experience

Demo

navigation

content

footer

footer

❖ CSS Grid Layout

❖ Styled Components

```
32    const Container = styled.div`
33        background-color: hotpink;
34        border: 1px solid black;
35        border-radius: 10px;
36    `;
```

```
<div class="cLpkmP"></div>
```

```
.cLpkmP {
    background-color: ▮ hotpink;
    border: ▶ 1px solid ▮ black;
    border-radius: ▶ 10px;
}
```

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Challenges

Incorrect Code

Hallucination / Delusional

Latest and Greatest

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