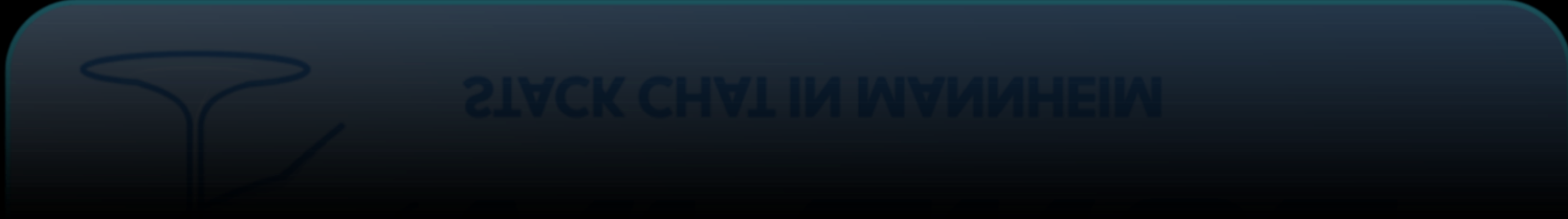




AI & APEROL



STACK CHAT IN MANNHEIM





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Lead Architect Microsoft 365
WBS IT-Service GmbH



Supercharge your coding: AI-Live



More than Au|tocomplete



Copilot
OpenAI-Codex
Code-Autocomplete

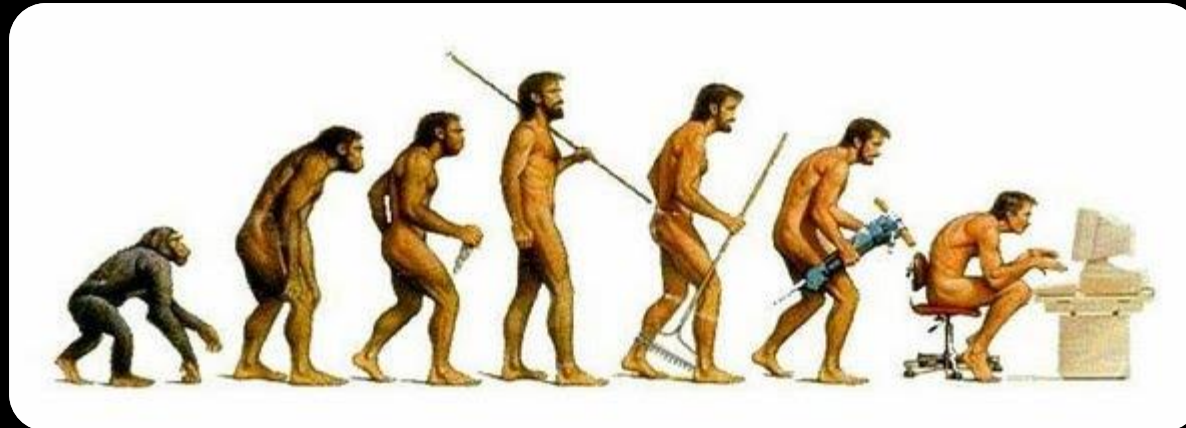


GitHub
Code-Sharing
Web-Platform



VSCode
Cross-platform
Code-Editor

The evolution of software development: Where we come from?



Convert comments to code. Write a comment describing the logic you want, and let GitHub Copilot assemble the code for you.

```
File Edit Selection View Go ... collaborators.ts - HTML - Visual Studio Code
EXPLORER
HMTL
  AI.html
  TS collaborators.ts
OUTLINE
TIMELINE
Ln 16, Col 1 (339 selected) Spaces: 4 UTF-8 CRLF {} TypeScript
```

```
1  /**
2   * json schema:
3   * [
4   *   { name: "Christian",
5   *     collaborators: ["John", "Mary", "Peter"]
6   * },
7   *   { name: "John",
8   *     collaborators: ["Christian", "Steven", "Ben"]
9   * },
10  *   { name: "Mary",
11  *     collaborators: ["Marc", "John", "Simon"]
12  * }
13  * ]
14  */
15  ⚡
16  function collaborators_map(json: any): Map<string, Set<string>> {
17  ... const map = new Map<string, Set<string>>();
18  ... for (const item of json) {
19  ...     const name = item.name;
20  ...     const collaborators = item.collaborators;
21  ...     const set = new Set<string>(collaborators);
22  ...     map.set(name, set);
23  ... }
24  ... return map;
25  }
```

Autofill for repetitive code. GitHub Copilot works great for quickly producing boilerplate and repetitive code patterns. Feed it a few examples and let it generate the rest!

```
File Edit Selection View Go ... comment_markers.ts - HTML - Visual Studio Code
EXPLORER
  HMTL
    AI.html
    collaborators.ts
    comment_markers.ts
  OUTLINE
  TIMELINE
  comment_markers.ts
1 interface CommentMarkers {
2     start: string;
3     end: string;
4 }
5
6 const markers: {[language: string]: CommentMarkers} = {
7     "typescript": {start: "/*", end: "*/"},
8     "javascript": {start: "/*", end: "*/"},
9     "python": {start: "'", end: "'"},
10    "java": {start: "/*", end: "*/"},
11    "c": {start: "/*", end: "*/"},
12    "cpp": {start: "/*", end: "*/"},
13    "csharp": {start: "/*", end: "*/"},
14    "go": {start: "/*", end: "*/"},
15    "rust": {start: "/*", end: "*/"}
16 };
Ln 16, Col 3 Spaces: 4 UTF-8 CRLF {} TypeScript
```

Show me alternatives. Want to evaluate a few different approaches? GitHub Copilot can show you a list of solutions. Use the code as provided, or edit to meet your needs.

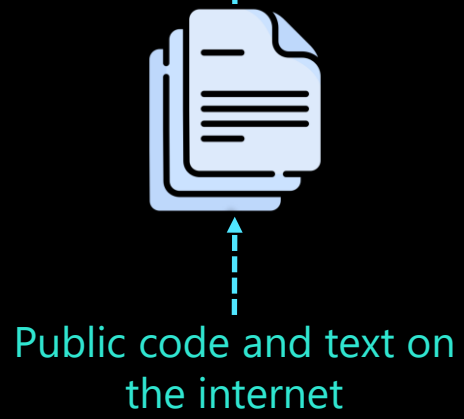
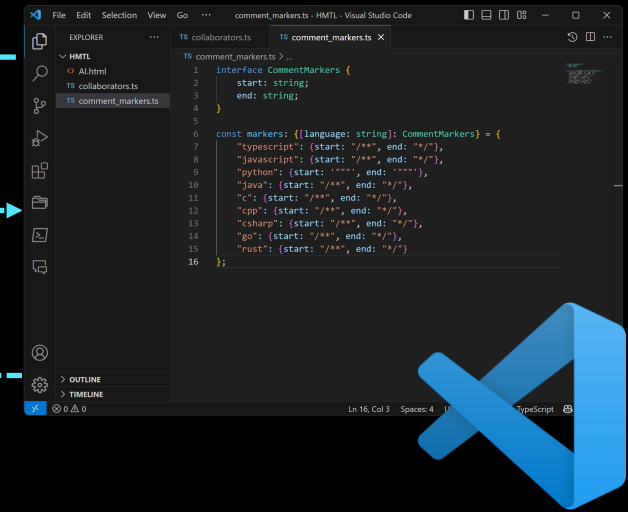
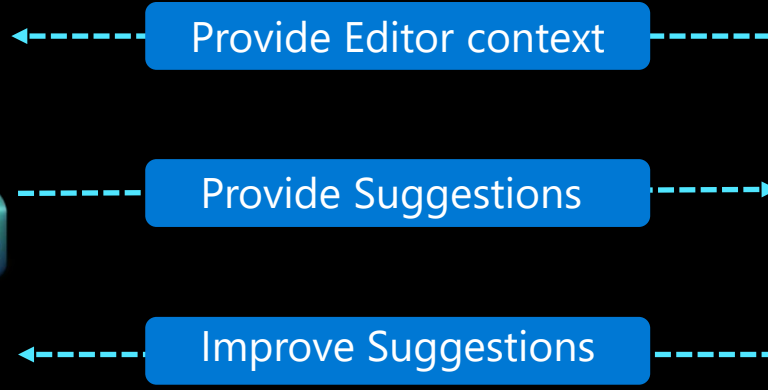
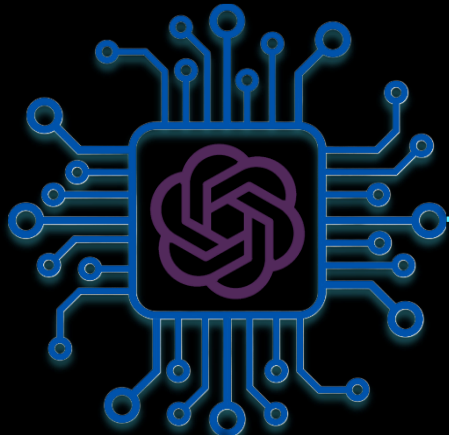
```
59 </section>
60
61 <main class="py-5">
62   <div class="container">
63     <div class="row">
64       <div class="col-md-6 align-self-center">
65         <h2>What is AI?</h2>
66         <p class="lead">Artificial intelligence (AI) is
67         <ul>
68           <li>Speech recognition</li>
69           <li>Learning</li>
70           <li>Planning</li>
71           <li>Problem solving</li>
72         </ul>
73       </div>
74       <div class="col-md-6"> <img class="img-fluid d-bloc
75     </div>
76   </div>
77   <div < 1/2 > Accept [Tab] Accept Word [Ctrl] + [RightArrow] ...
78   <div class="container">
    <div class="row">
      <div class="col-md-6"> <img class="img-fluid d-
      <div class="col-md-6 align-self-center">
        <h2>What is AI?</h2>
        <p class="Lead">Artificial intelligence (AI
        <ul>
```

How does it work?

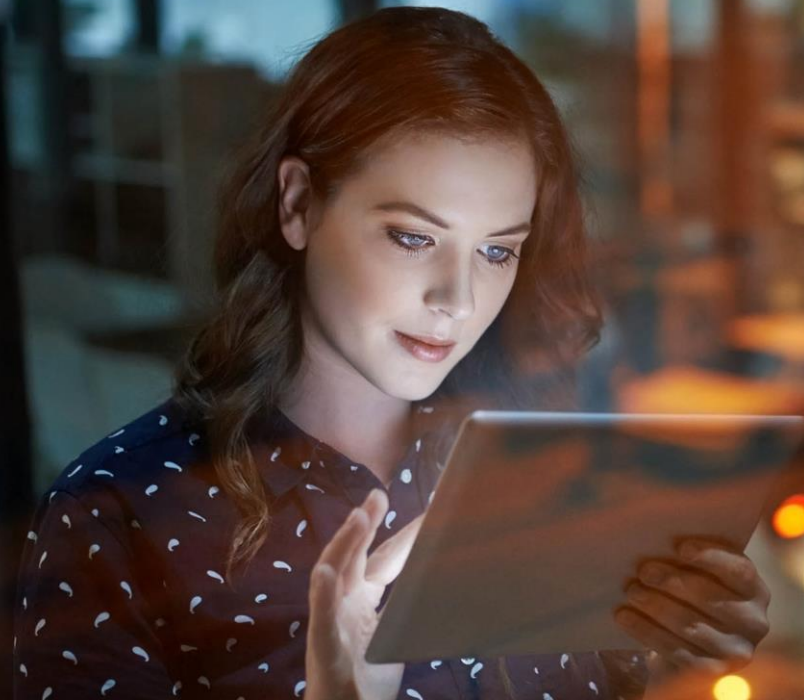
PopenAI Codex Model

GitHub Copilot Service

Private Code



Don't predict the future. Invent it!



Thank you for your participation!



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WBS IT-Service GmbH

