Productivity Polarity and the Enterprise

Kyle Daigle
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Personal computer sales (thousands of units)
Computers are everywhere except in the productivity statistics

Robert Solow
1987
Productivity paradox
Al’s rapid big bang
For individuals
55% faster
Enabling developers to reignite their creative spark
A 6-month study of 450 Accenture developers on the impact of GitHub Copilot

**Activity**
- 94% Reported staying in the flow
- 90% Spent less time looking for information

**Productivity**
- 90% Reported writing better code
- 88% Of the code suggested by Copilot retained

**Efficiency**
- 50% More builds
- 84% Increased in successful builds

**Satisfaction**
- 96% Successful on day one
- 90% More fulfilled
MOST WIDELY ADOPTED AI DEVELOPER TOOL

GitHub Copilot

50,000
Organizations
2hrs+
of coding time saved per day per engineer
Less boilerplate, more shipping
Developers reported being more productive
Productivity paradox
Productivity polarity
Copilot-powered developer platform
GitHub Copilot

Individual
GitHub Copilot

Business
Makes natural language a new, universal programming language

The code assumes that the datetime module is imported. The test cases cover different scenarios such as valid input, empty input, input with comments, invalid date format, and invalid value format.
Contoso Outdoor Company

Embrace Adventure with Contoso Outdoors - Your Ultimate Partner in Exploring the Unseen!
Choose from a variety of products to help you explore the outdoors. From camping to hiking, we have you covered with the best gear and the best prices.

Tents

Unfold adventure with Contoso's range of tents - your portable home under the stars. From intimate two-person camping shelters to family-sized canopies, our tents are your ticket to escaping the ordinary and embracing the great outdoors.

TrailMaster X4 Tent  Alpine Explorer Tent  SkyView 2-Person Tent
export class ValidationHelper {

  public static validate = (address: string): boolean => {
    const e_regex = /^\s+@\s+.\s+$/;
    return e_regex.test(address);
  }
}
/**
 * ValidationHelper
 */

export class ValidationHelper {
  public static validate = (address: string): boolean => {
    const e_regex = /[^\s]+@[^\s]+\.[^\s]+$/;
    return e_regex.test(address);
  }
}
Even more powerful

GitHub Copilot Chat

- Context aware
- Slash commands
- GPT-4
- Inline chat
- Partner Program
COPilot FOR

GitHub Advanced Security
Code
Scanning
Auto-fix
Found means fixed
Secret Scanning

API Key #413

Possibly active secret

api-4d3e-fc47-d778-cd38b-806e
COPILOT FOR

GitHub Advanced Security

AVAILABLE IN PREVIEW TODAY

☑️ Code scanning auto-fix

😊 Secret scanning
Customized to your organization
Including credentials with Fetch API

```javascript
async function postDetails(url, data)
{
    const response = await fetch(url, {
        method: 'POST',
        body: JSON.stringify(data),
        headers: {
            'Content-Type': 'application/json',
            'Authorization': 'Bearer ' + token
        }
    });

    const json = await response.json();
    return json;
}
```

To include credentials in your fetch call, you need to set the `credentials` option to `'include'` in the `init` object. This will send cookies and other authentication information on both same-origin and cross-origin requests. For example:

```javascript
fetch(url, { credentials: 'include' }).then(response => {
    // Your code...
});
```

Copilot Enterprise

Conversational, customized to your codebase
How does a user know if they've successfully submitted a talk?

#11

GeekTrainer opened this issue 2 weeks ago · 0 comments

GeekTrainer commented 2 weeks ago

Right now when a user submits or edits a talk they're just taken back to the list of talks. How do they know one was actually submitted? Can we update the app to display a message?

Add a comment

Write
A user must first be authenticated. This is indicated in the `base.html` template, where a button to "Submit talk" is only available if `user.is_authenticated` is True. This button leads to the URL for 'agenda:talks-submit' (source).

The submission process itself is handled by the `TalkSubmitView` class in `views.py`. This is a `CreateView` which requires the user to be logged in (LoginRequiredMixin). The form asks for 'title', 'abstract', and 'track' fields for a talk. Once the form is filled out and submitted, the talk is associated with the logged-in user and saved to the database (source).

Is there anything else you'd like to know about this process?
Investigate latest version of Django (I believe the latest major version is 5.0), and needed application changes to use the latest version.
Add Django messages to submit and edit flows #12

Open  GeekTrainer wants to merge 1 commit into main from add-success-messages

Conversation 0  Commits 1  Checks 0  Files changed 2

GeekTrainer commented last week · edited by chrisreddington

Resolves issue

Add Django messages to submit and edit flows 0fb4de0

Add more commits by pushing to the add-success-messages branch on octodemo/geektrainer-demo-conference.

This branch has no conflicts with the base branch
Merging can be performed automatically.
Copilot Business

For organizations ready to improve engineering velocity, code quality, and developer experience

Chat
- Unlimited messages and interactions
- Conversations tailored to your organization's repositories
- Answers based on your organization's knowledge base

Code completion
- Real time code suggestions

Smart actions
- Inline chat and prompt suggestions
- Pull request description and summarization

Supported Environments
- IDE, CLI, and GitHub Mobile
- GitHub.com

Management and policies
- Enterprise-grade security, safety, and privacy
- Requires GitHub Enterprise Cloud

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For companies looking to customize GitHub Copilot to their organization and infuse AI across the developer workflow

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Empowering you at every step

Copilot adoption with bespoke strategic support
Empowering you at every step
Understand the value Copilot delivers to your organization
Copilot-powered developer platform

GHEC + COPILOT ENTERPRISE
Let’s build from here