



Cognition



Proven at Enterprise Scale

“Devin is an absolutely amazing tool”

Kevin Scott, Microsoft CTO

What would you build with
an infinite army of **junior**
engineers?

The Cognition Team

Cognition was founded by a team with 10 IOI gold medals that has worked at the cutting edge of applied AI.

Founded
2024

Office
SF HQ
NYC

Employees
30+

Engineers
20+

Devins
200+



Scott Wu
Co-founder & CEO



Walden Yan
Co-founder & CPO



Steven Hao
Co-founder & CTO



Russell Kaplan
Founding President



Built by  Cognition

Devin
is a collaborative
AI teammate

Trusted By



The Shift

Local Development ⇒ Collaborative Cloud Agents

1

GitHub Copilot: speed up coding

Code Completion

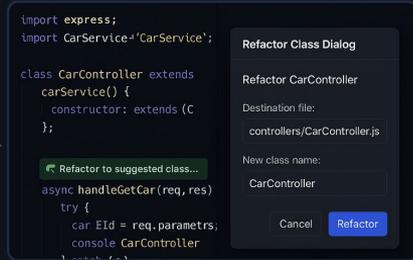


```
> print Greeting  
1 def greet:  
2   # Print a greeting  
3   print()
```

2

AI IDEs: single-player task completion

IDE Automation



```
import express;  
import CarService from 'CarService';  
  
class CarController extends CarService {  
  constructor() {  
    super();  
  }  
  
  async handleGetCar(req, res) {  
    try {  
      const car = await CarService.getCar(req.params.id);  
      res.json(car);  
    } catch (error) {  
      res.status(500).json({ error: error.message });  
    }  
  }  
}
```

Refactor Class Dialog

Refactor CarController

Destination file:
controllers/CarController.js

New class name:
CarController

Cancel Refactor

3

AI agents: scale workflows in parallel

AI Software Engineer



```
Shell | Browser | Editor | Planner  
001 setup_dev_environment()  
002 implement_requested_change()  
003 run_lint_checks()  
004 create_pr_for_changes()  
> 005 notify_user_pr_ready()
```

The Shift

Local Development ⇒ Collaborative Cloud Agents

1 ~10% efficiency gain

GitHub Copilot: speed up coding

Code Completion

```
> print Greeting
1 def greet:
2   # Print a greeting
3   print()
```

2 ~20% efficiency gain

AI IDEs: single-player task completion

IDE Automation

```
import express;
import CarService-'CarService';

class CarController extends
  carService() {
  constructor: extends (C
  );
  async handleGetCar(req, res)
  try {
    car Eld = req.params;
    console CarController
    ...
  }
}
```

Refactor Class Dialog

Refactor CarController

Destination file:
controllers/CarController.js

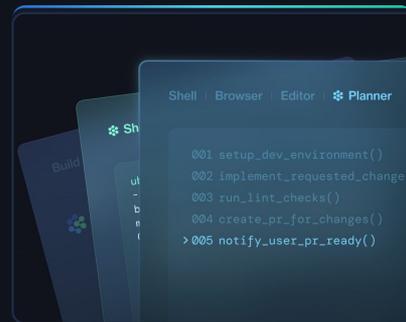
New class name:
CarController

Cancel Refactor

3 6-12x efficiency gain

AI agents: scale workflows in parallel

AI Software Engineer



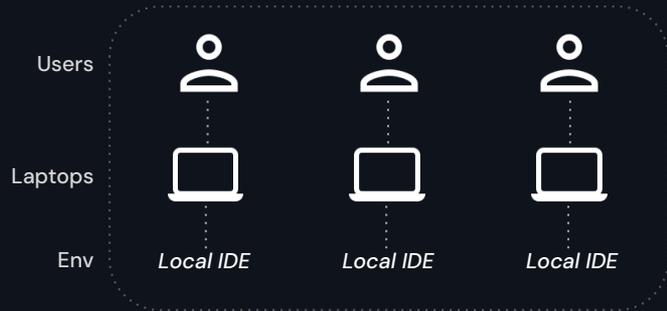
Cloud, Asynchronous

Local, Synchronous

Local AI IDEs ⇒ Cloud AI Agents

Local AI IDEs

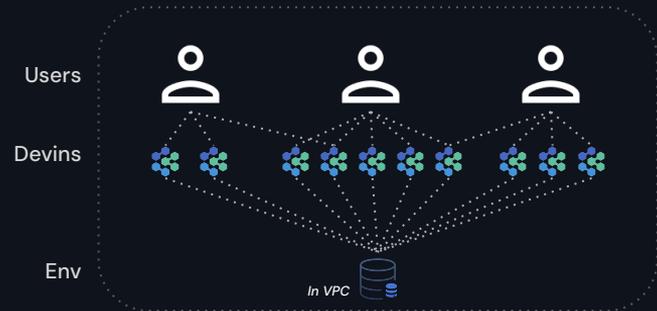
Boost individual speed.



Local • Synchronous • 1-to-1 • Isolated Knowledge

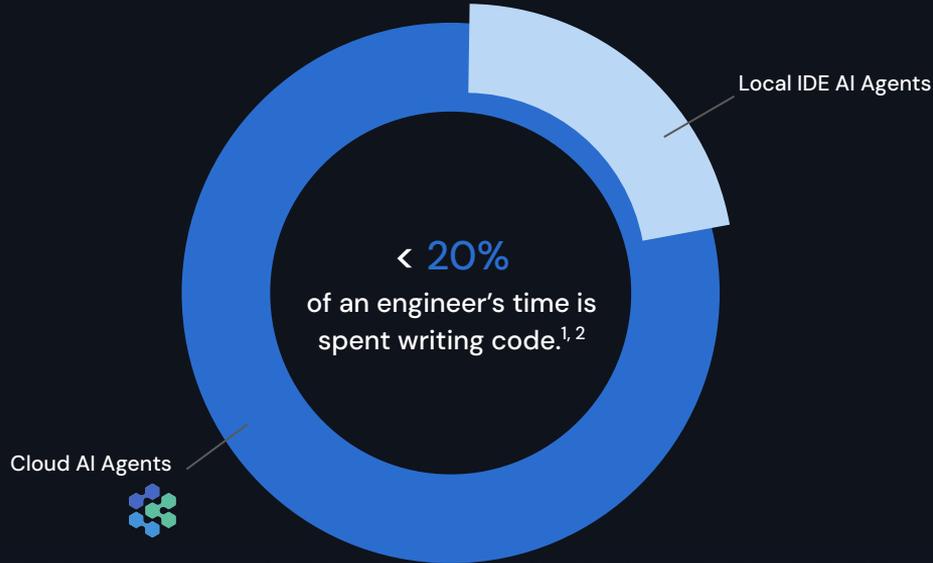
Cloud AI Agents

Unlimited Devins for parallel **capacity**.



Cloud • Asynchronous • 1-to-Many • Organizational Knowledge

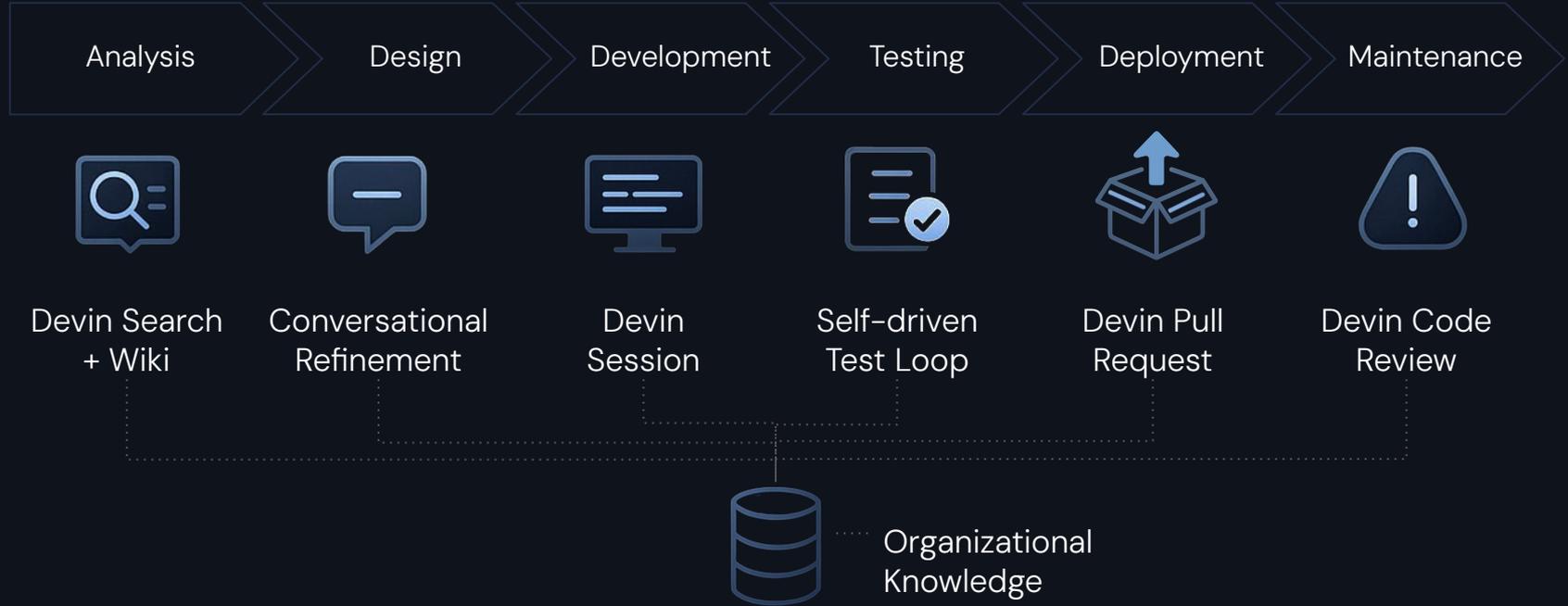
AI Software Engineers work across the entire SDLC



¹ [Microsoft Research \(2024\)](#)

² [Software \(2023\)](#)

Devin



SWEs work with Devin in Slack, Jira, Web UI, REST API, and more

Devin works where your developers are

Project Management



eng-webapp > ENG-1 ... ☆

 devin 2h ago

Hey, I'm Devin! I'm currently resea
Please check back in 5 minutes.

*Note: I will read the issue title and
and links*



Messaging Platforms



team-eng 🔒 ⋮

 **Josie Barth** Just now

@Devin anywhere the generate_response_as
called, can you please ensure that it has 4 pos
arguments?

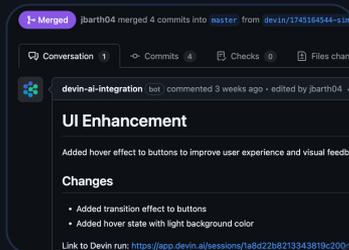
3 replies

 **Devin** APP Just now

Working on a plan. By default, I will proce
implementing the plan after sharing it wit
me know if you want me to wait for app



PR Review



Merged jbarth04 merged 4 commits into master from devin/1742164544-sim

Conversation 1 → Commits 4 → Checks 0 → Files chang

 devin-ai-integration bot commented 3 weeks ago · edited by jbarth04 ·

UI Enhancement

Added hover effect to buttons to improve user experience and visual feedba

Changes

- Added transition effect to buttons
- Added hover state with light background color

Link to Devin run: <https://app.devin.ai/sessions/1add22b8713343819c200>



REST API



Session Endpoints + Upload files for Devin

Session Endpoints

Upload files for Devin

Upload files for Devin to work with during sessions. Support
code, data, and documentation files.

`cURL` Python JavaScript PHP Go Java

```
curl --request POST \  
--url https://api.devin.ai/v1/attachments \  
--header 'Authorization: Bearer <token>' \  
--header 'Content-Type: multipart/form-data'
```



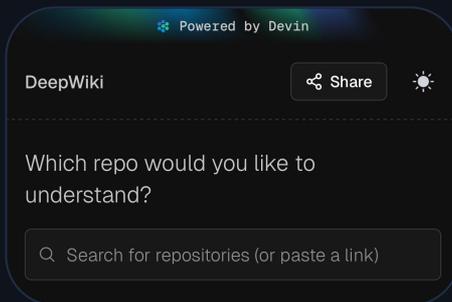
Devin is for Enterprise Codebases

Optimized for large codebases



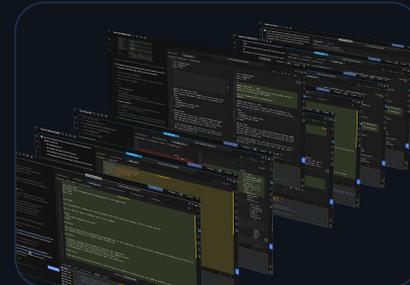
30k+ repos indexed <2 weeks of launch
4+ billion lines of code

Compounding intelligence



More context \Rightarrow better plans \Rightarrow better code
code \Rightarrow richer context \Rightarrow ...

Org-wide parallel leverage



24 / 7 VMs; spin-up Devins on demand.

Use Cases

Code migrations & refactors

- Language migrations
- Large refactors
- Version upgrades
- Codebase restructuring



Bug & issue triage

- Automated on-call response
- Ticket resolution
- CI/CD autotriage



Testing

- Generate code coverage reports
- Improve test coverage
- Browser-based QA testing



Code modernization

- Technical debt
- On-prem to cloud or cloud-to-cloud modernization
- Large-scale lint or warning fixes



Data engineering

- Data warehouse migrations
- ETL development
- Data cleaning and preprocessing



And much more...

- Maintain documentation
- Build SaaS integrations
- Implement frontend features
- Self-host and test applications



Customer

Project

Key Metric

+Output

+Impact

Large ETL
Migration**8.2x****Efficiency gain** for
developers**500k+ line** refactor
completed**<1/10th** projected
resources6-month ETL
migration finished in
~2 monthsOverhaul
Technical Debt**10k+ hrs****Saved per mo** on rote
tasks80 PRs merged
weekly**20% eng-time**
capacity freed**10x** backlog burn
rateJS → TypeScript
Migration**11x****Faster** migration time
with Devin**20+ modules**
migrated JS → TS**90%** engineer
time freed11 engineer-days →
1 day

Devin: Secure by Design

Security, data ownership, and data controls

Security

- All data transmitted to Devin is encrypted in transit and at rest.
- Cloud access follows strict least-privilege.
- Multi-factor authentication is required on all main work applications.
- Cognition is SOC 2 Type I and Type II certified.



Data Ownership

- All inputs and outputs are your intellectual property.
- We do not train using your business data.
- At your request, we can fine-tune customer-specific models to improve your experience with Devin.
- You control how long your data is retained.



Data Controls

- We maintain strict, fine-grained access control on all your data.
- You may need to provide Devin with credentials. Our Secrets feature stores and encrypts credentials securely.
- Devin Enterprise deployments can be configured to save no Customer Data at rest outside the customer's VPC.

