



## CodeTale

Turn any GitHub repo  
into an engaging  
presentation

"From Code to Story in Seconds"

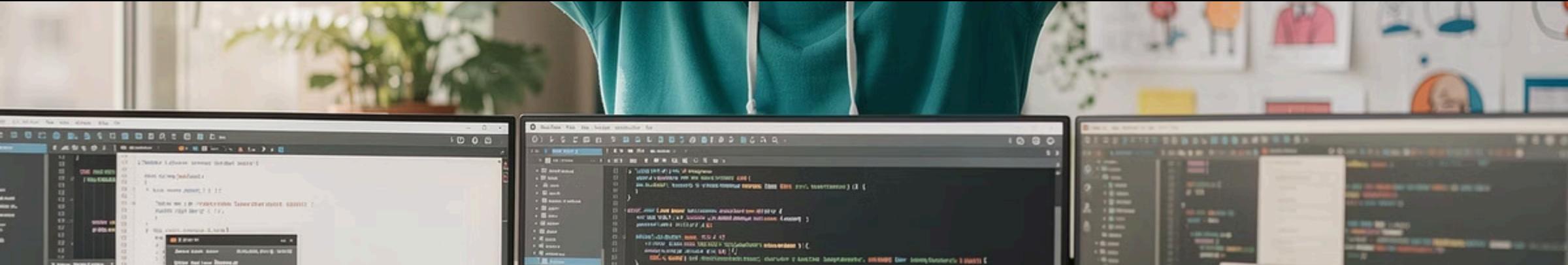


BUILT AT {TECH: EUROPE} PARIS

FEB 7-8, 2026

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# Developer documentation is broken

28.7M

Developers worldwide

Growing market of technical creators

65%

Frustrated by docs

Documentation is their #1 pain point

3-5

Hours per week

Average time spent reading documentation

The gap is massive: **80% of developers prefer video content**, but only **0.1% of repositories have video documentation**. READMEs are text-heavy and boring. Video tutorials take hours to produce. Onboarding new developers is painful. Technical presentations require manual work. Hackathon demos need quick turnaround.

# AI-powered code storytelling

01

## Analyzes your repository

Deep understanding of code structure, documentation, and architecture patterns

02

## Generates intelligent narrative

GPT-5.2 creates compelling story arcs that explain technical concepts clearly

03

## Creates beautiful slides

AI-generated visuals that illustrate complex ideas with stunning imagery

04

## Adds natural voice

Human-like narration with proper technical pronunciation and pacing

05

## Delivers instantly

Shareable presentation URL ready in minutes, not hours

**Key Innovation:** This isn't just "AI makes slides" - it's a complete multi-modal pipeline. [Code → Understanding → Story → Visuals → Voice → Presentation](#)

**Time Saved:** From 3 hours of manual work to 3 minutes of automated magic.



# Standing on the shoulders of giants



Lovable

Rapid UI development  
with Pro Plan for  
instant component  
generation



fal.ai

Real-time image  
generation with \$20  
credits for stunning  
slide visuals



Gradium

Natural voice  
synthesis with 1M  
credits for engaging  
narration



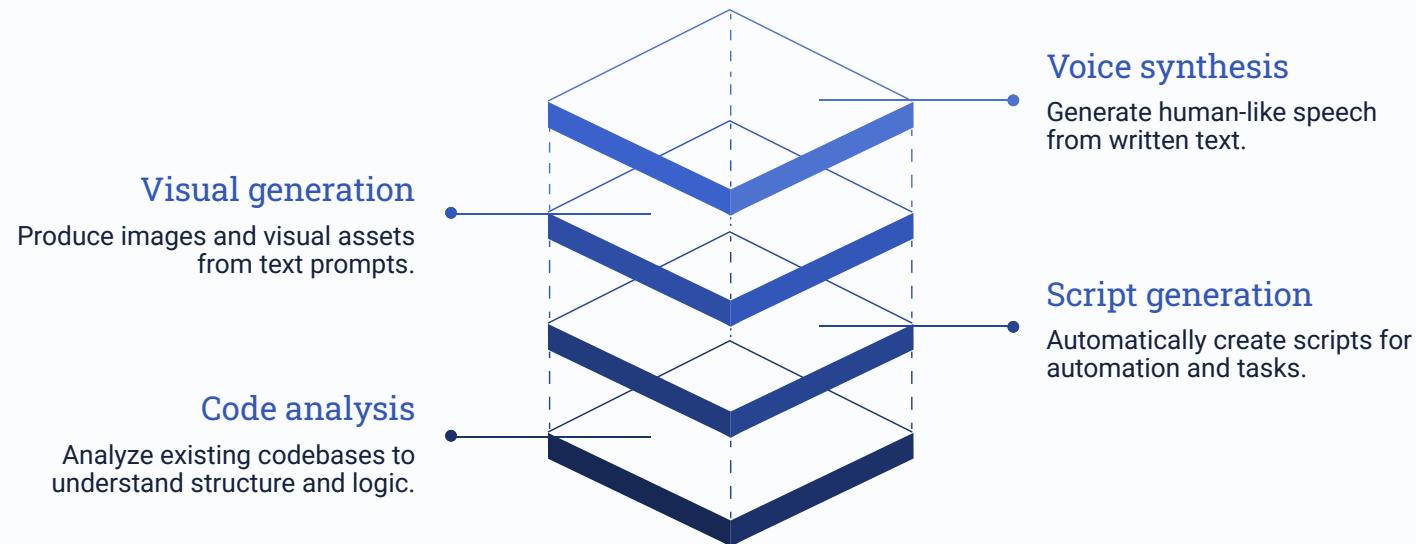
OpenAI

GPT-4 code analysis with function calling for intelligent repo parsing



**Why This Matters:** CodeTale showcases what's possible when you combine these powerful tools into a cohesive experience.

# Under the hood: multi-modal AI pipeline



Our architecture processes repositories through five sophisticated stages, each leveraging cutting-edge AI capabilities.

## Step 1: Code analysis

GitHub API fetches repository structure. GPT-4 parses README, code files, and package.json. AST analysis scores complexity. Key functions and classes extracted.

## Step 2: Script generation

GPT-4 generates narrative arc from intro to demo. Visual metaphors created for abstract concepts. Pacing optimized at 30 seconds per slide.

## Step 3: Visual generation

fal.ai FLUX model creates real-time images. Consistent style maintained across deck. Code visualizations rendered where relevant.

## Step 4: Voice synthesis

Gradium produces natural prosody, not robotic monotone. Technical terms pronounced correctly. Emotional variation maintains engagement.

## Step 5: Assembly

reveal.js presentation generated with synced audio transitions. Deployed to shareable URL at codetale.app/p/[unique-id].

## ⚡ Performance

**Total time: Under 3 minutes.** Parallel API calls, streaming responses, zero user configuration required.

# What makes CodeTale special



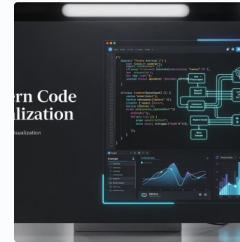
## ⚡ Instant generation

Minutes, not hours. No manual slide creation. Automated script writing that understands your code.



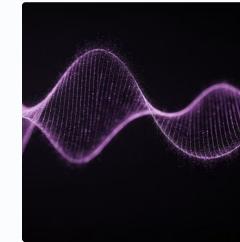
## 🧠 Context-aware

Understands code structure and architecture. Identifies key features automatically. Adapts complexity for audience.



## 🎨 Visual storytelling

AI-generated illustrations for every concept. Consistent design system throughout. Code snippets beautifully visualized.



## 🎙 Natural narration

Human-like voice quality. Technical term accuracy guaranteed. Proper pacing for comprehension.



## 🔗 Shareable URLs

One link, full presentation. No downloads required. Works seamlessly on any device.



## 📱 Zero setup

No API keys needed from users. Entirely browser-based. Works for any public repository.

**Competitive Edge:** 10x faster than manual creation. Better engagement than text-only README. More accessible than traditional code review.



## Who is this for?

### 🏆 Hackathon participants

- Quick project demos for judges
- Professional pitch in minutes
- Showcase technical depth visually
- *Real example: This deck made itself!*

### 💻 Open source maintainers

- Attract contributors with compelling demos
- Explain complex projects simply
- Increase GitHub stars and engagement
- 100M+ repositories = massive TAM

### 🏢 Development teams

- Code review presentations made easy
- Onboarding new engineers efficiently
- Technical documentation people actually watch

### 🎓 Educators & bootcamps

- Teach programming concepts visually
- Explain algorithms with narratives
- Create course materials 10x faster

**Real Impact:** This hackathon alone has 100+ teams. If just 30% try CodeTale, that's 30 users THIS WEEKEND. The open source ecosystem represents 100M+ potential presentations.

# See it in action: legendary repos



## Apollo 11 guidance computer

The code that took humanity to the moon. CodeTale transforms NASA's assembly code into an inspiring story of engineering excellence.



## Sorting algorithms visualized

[github.com/diptangsu/Sorting-Algorithms](https://github.com/diptangsu/Sorting-Algorithms) - Computer science fundamentals explained. Bubble sort, quick sort, merge sort with Big O notation made simple.



## MS-DOS source code

The operating system that started it all. CodeTale reveals the architecture decisions that shaped personal computing.

**Quick-try gallery:** 11 pre-configured repos ready to demo - featuring sponsor projects (Lovable, fal.ai, Gradium), legendary code, and modern open source favorites.

# Built to win

## Competition requirements

-  2-minute video demo (Loom)
-  Public GitHub repository
-  Comprehensive README with setup instructions
-  Uses min. 3 partner technologies
-  Built newly at this hackathon (boilerplates allowed)
-  Team of max. 5 people
-  Submitted by 14:00 Sunday

## Judging criteria

### Stage 1: Pre-selection

- Creativity
- Technical complexity
- Bonus points for effective use of partner technologies

### Stage 2: Finalist stage

- 5 finalists (4 Open Track + 1 Alpic Track)
- 5-minute live presentations
- Top 3 winners selected by jury

 **The Ultimate Meta-Moment:** This pitch deck explaining CodeTale was generated BY CodeTale itself. We're not just talking about it - we're proving it works.

# From hackathon to product



## Phase 1: Hackathon weekend

Feb 8-9, 2026

- Build MVP
- Submit by 14:00 Sunday
- Finalist pitches at 15:15
- Award ceremony at 16:30

1

2



## Beyond the Event

- Refine based on feedback
- Expand feature set
- Build community
- Scale to production

# Your turn to tell your story

## Get started (30 seconds)

1. Go to [codetale.app](https://codetale.app)
2. Paste any GitHub URL
3. Hit Generate
4. Share your masterpiece

## Try these legendary repos

-  **Apollo 11** - Moon landing code
-  **MS-DOS** - PC revolution OS
-  **Algorithms** - CS fundamentals

## Hackathon special

-  Unlimited presentations (free during event)
-  All features unlocked for participants
-  Priority support at NeonNoir booth

## The meta-moment

This pitch deck was generated by CodeTale itself.

We used our own tool to pitch our tool. That's how confident we are it works.

 **Share Your Creation:** #CodeTale #TechEurope #AIHackathon

## Built at {Tech: Europe} Paris

 **Powered by:** Lovable, fal.ai, Gradium, OpenAI

# Thank you

# Let's Turn Code Into Stories Together

CodeTale represents what's possible when we combine cutting-edge AI technologies with a deep understanding of developer needs. Built in 48 hours at {Tech: Europe} Paris AI Hackathon, this tool solves a problem every developer faces: how to share their work compellingly.



Visit us



Star our repo

Open source & evolving



Join Discord

@techeurope server



Follow updates

- Special Thanks:** Lovable, fal.ai, Gradium, OpenAI, Alpic Skybridge, Dify, ZeroML, Dust - and the entire {Tech: Europe} organizing team for creating this incredible hackathon experience.

*Remember: Every great project deserves a great story. Let CodeTale tell yours.*