Code Explorer – Navigate Your Code with AI
Accelerate Your Path to Modern Architecture On Google Cloud

ADDRESSING MODERN CODEBASE CHALLENGES

Enterprises are facing the following challenges that continue to drive up costs, limit productivity and growth, and decrease efficiency due to:

- Legacy systems lacking documentation as a result of developer, SME, or decision maker turnover
- Undocumented ETL processes hindering compliance and migration
- High risk in modernizing outdated, business-critical code bases
- Technical debt and obsolete architectures blocking innovation
- Poor code visibility that slows onboarding and maintenance
- Limited transparency between business and technical teams

WHAT IS CODE EXPLORER?

Improving's Code Explorer is designed to meet these challenges head-on. Leveraging our deep expertise in AI/ML, Modern Data Solutions, Analytics, and Application Modernization on Google Cloud, we have helped organizations transform their legacy codebases into modern, maintainable, and scalable systems.

Code Explorer is an AI-powered service accelerator that enables rapid analysis, documentation, and understanding of any codebase regardless of age, language, or complexity. It empowers teams to extract technical and functional insights, visualize system architecture, and generate human-readable documentation. Code Explorer has built in AI capabilities, which makes it an efficient tool when migrating legacy applications.

Accelerating & Streamlining Your Modernization Strategy

Code Explorer allows Improving to help organizations modernize their code base and applications currently running within their environment. Many organizations have built thousands of custom applications with legacy-based code. The challenge lies in then transforming these software services into modern architecture, like the cloud, and some of the security and benefits and governance that come with cloud infrastructure.

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BENEFITS OF IMPROVING'S CODE EXPLORER SOLUTION

Implementing Code Explorer in your organization will lead to transformative outcomes that are a direct result of the following solution-driven benefits on Google Cloud:

- **Faster Time-to-Insight:** Quickly surface technical and business-critical information from complex codebases
- **Reduced Risk:** Identify anti-patterns and refactoring opportunities before they become costly issues
- **Boosted Productivity:** Generate clear documentation and knowledge graphs to support decision-making and onboarding
- **Modernization-Ready:** Lay the groundwork for cloud migration, integration, and continuous improvement
- **ETL Visibility:** Document and visualize data pipelines to support compliance and data migration

AI-Powered Documentation

Code Explorer provides a dictionary and automated documentation that captures all of the elements of your legacy applications. Often, the people that wrote these software products and applications have moved on. Companies that are using these applications are holding onto legacy-based code and are reluctant to make changes in fear of the application breaking and causing them to lose existing capabilities that will negatively impact critical business functions. With Code Explorer, your documentation is fully automated while also providing you with the capability to gain insights without breaking existing code. This will allow you to streamline and accelerate your modernization efforts without disruption.

ACCELERATING & STREAMLINING YOUR MODERNIZATION STRATEGY

Code Explorer eliminates the risk of updating legacy applications by disassembling, itemizing, cataloguing, and documenting the entire end-to-end application on Google Cloud. This provides a knowledge base and an understanding of how that application works. With this knowledge, the application can be migrated and modernized to better align to an organization's strategic and operational goals.

Connect with us today to kickstart your AI journey today!

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