



Background

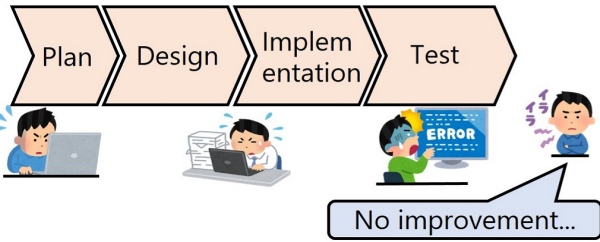
As user needs diversify, much of service development involves translating ambiguous needs into machine-readable code. This process isn't easily automated. Consequently, releasing services that timely address user demands becomes challenging.

Summary

By integrating AI's natural language understanding with tech that analyzes project-specific data, we automate complex tasks in development. Humans mainly focus on direction and approval, shortening project timelines. This enables us to release services within a short development period.

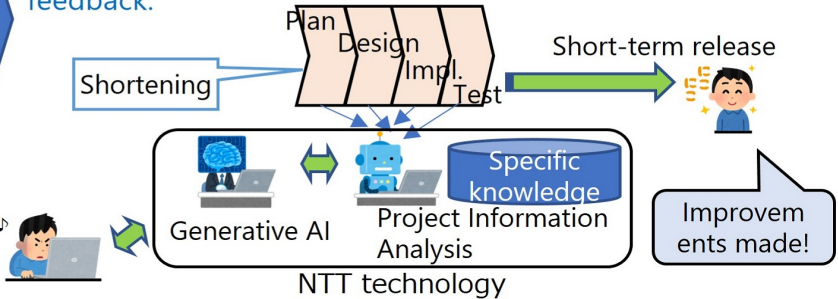
Before: current service development

As user needs diversify, much of service development involves translating ambiguous needs into machine-readable code. This process isn't easily automated. Consequently, releasing services that timely address user demands becomes challenging.



After: fast service development with generative AI

By integrating AI's natural language understanding with tech that collect and analyze project-specific data, we automate complex tasks in development. Humans mainly focus on direction and approval, shortening the time frame. This allows for prompt service releases in response to user feedback.



Features

- Extracting and analyzing knowledge specific to development projects, collaborating with generative AI to execute non-standard operations
- Digitizing and analyzing service developers' activities, such as test activity data, and utilizing the insights obtained
- Automatically correcting vulnerabilities in the code generated by generative AI

Future_benefits

In service development, enabling short-term releases based on user feedback ensures swift value delivery to users, securing a strong competitive edge.

Exhibiting Company

NIPPON TELEGRAPH AND TELEPHONE CORPORATION, NTT DATA Group Corporation

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