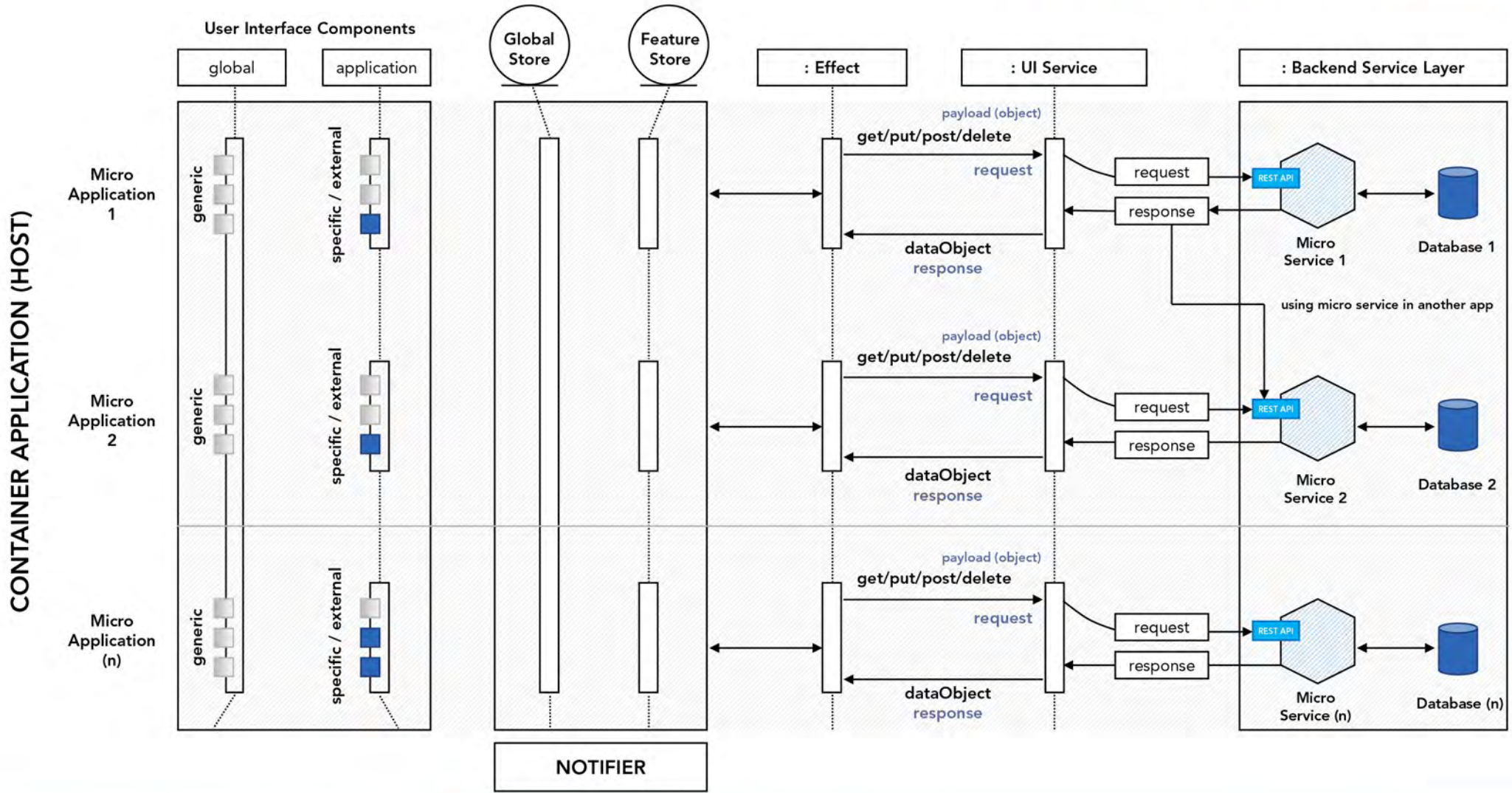


MICRO FRONTEND

Rescue from large scale application

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Everyone wants the best-developed applications that can be maintained, coded, deployed, and unit tested with ease. To achieve this product design, we need to break the bigger applications into smaller units, and then treat the smaller unit as an independent application.

WHAT IS MICRO-FRONTEND?

A micro-frontend framework is a design approach in which the front-end applications are decomposed into an independent application called "Smaller Unit" or "Micros." Since these applications work together loosely, you can see how the term "micro-services" inspired the name or the concept.

The best example of a micro-frontend framework is RUBIK's CUBE. In this example, every block of color represents an independent application (e.g., Lots of Small Applications - LOSA) with one single unit enclosed inside the shell.

BENEFITS

01

Micro-frontend architectures by name are straightforward and easier to manage

02

Independent teams can invest in the work and collaborate with the applications

03

Migrating an old application to a new application with the stepwise approach is simple

04

Code quality checks and deployment of the applications is fast and easily done

05

Independently testing and loading the applications

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This is a reference architecture only and any client specific requirements will need further elaboration.