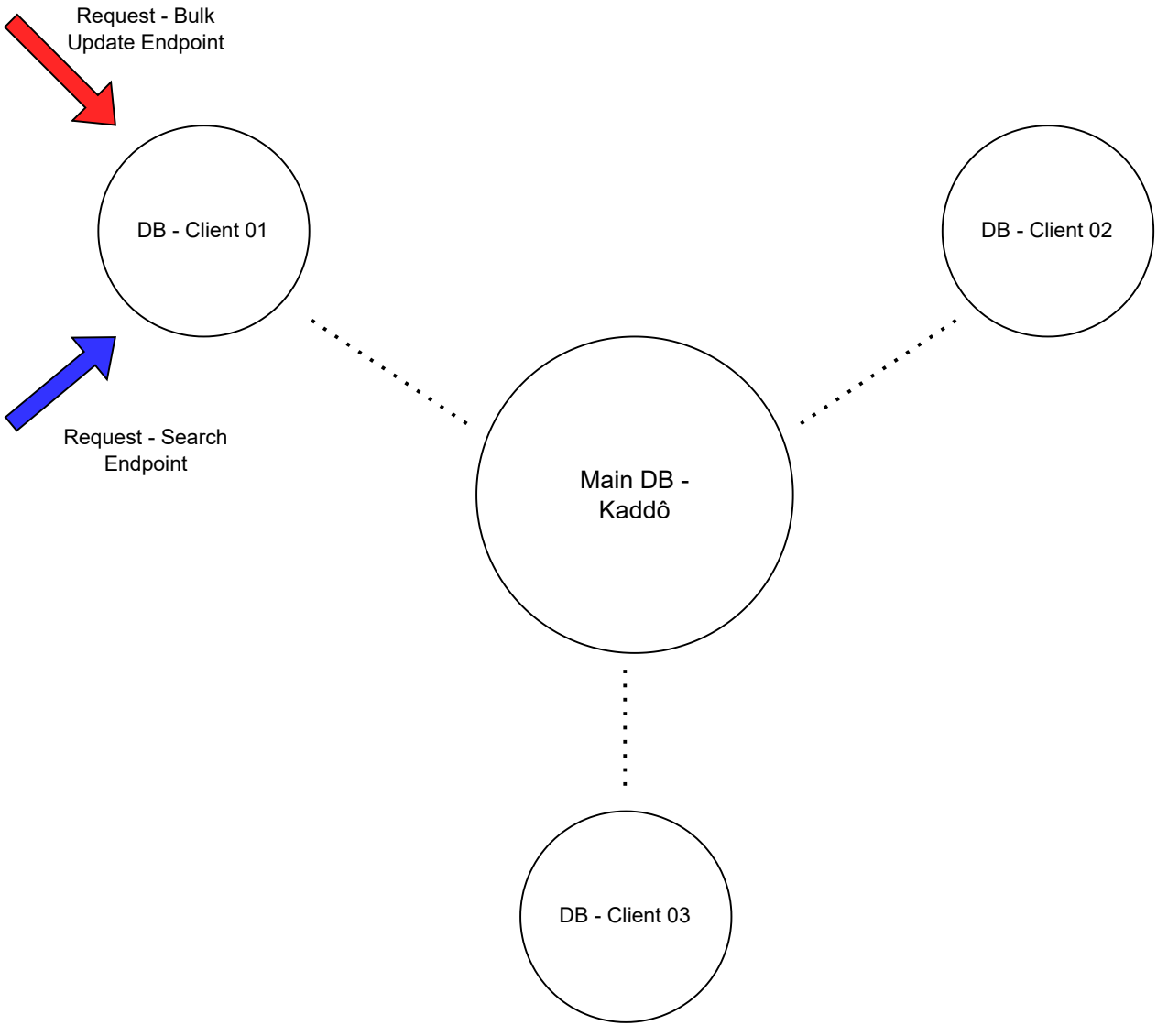
# Fluxogram - API Kaddô




1) Each database consists of two main tables: **'availabilites_{client}'**, which stores product availability, and **'products_{client}'**, which contains detailed information about the client's products' (such as brand, for instance, necessary for other endpoints). Our main database's 'products' table is populated with thousands of products that have been manually registered.

2) When a request is sent to the **Bulk Update Endpoint**, product availability is automatically updated in 'availabilites_{client}'. For products that do not exist in our main database, an algorithm uses our main database as a model to automatically register them in 'products_{client}'. This registration infers all relevant information required for other endpoints based solely on the product's name, utilizing an exclusive statistical model developed internally. This process is configured to run automatically every minute via the 'pre_cadastro_rotina' command in the Django project.

3) When a request is sent to the **Search Endpoint**, the app "combines" 'products_{client}' with our main 'products' table. It queries both tables and returns relevant items considering their disponibilities at 'availabilities_{client}'.