**Question 5:**

How will you handle the "Restart/Reload" functionality for your file processing framework?

**How this will guide the architecture:**

* **Defining Restart/Reload Mechanisms:** We need to determine how to gracefully restart or reload parts of your framework without disrupting the entire processing pipeline. This might involve:
  + **Hot Swapping Configurations:** Reloading configurations without stopping the application.
  + **Dynamically Loading/Unloading Modules:** Reloading specific parts of the framework (e.g., adapters, processors) while the application is running.
  + **Using a Process Manager:** Utilizing a process manager (like Supervisor or systemd) to manage the lifecycle of your application and facilitate restarts.

A well-designed restart/reload mechanism will improve the maintainability and resilience of your file processing framework.

By addressing this question, we can start to think about how to integrate restart/reload capabilities into your Hexagonal Architecture, ensuring that these mechanisms do not compromise the core domain logic or introduce unnecessary coupling.