Okay, let's proceed without considering the process manager for now. We can revisit it later if needed.

**Question 6:**

How will you handle the "Restart/Reload" functionality specifically for:

* **Configurations:** How will you reload configurations without stopping the application?
* **Modules:** How will you dynamically load/unload specific parts of the framework (e.g., adapters, processors) while the application is running?

**How this will guide the architecture:**

* **Defining Dynamic Reloading Mechanisms:** We need to explore mechanisms to update parts of the framework without full restarts:
  + **Configuration Reloading:** Consider using libraries like configparser or python-dotenv for handling configuration files. Explore mechanisms to watch for changes in configuration files and dynamically reload them.
  + **Module Reloading:** Investigate techniques like using importlib or importlib\_metadata to dynamically load and unload modules. This might involve using a plugin system or a similar approach.

By addressing these specific aspects of the "Restart/Reload" functionality, we can refine the architecture and ensure that it supports dynamic updates without compromising stability.