

Name: Ulugbek Khusanov 984686

Mindset difference between framework developer and application developer

As a Framework developer

Framework can be seen as a platform that provides common entities and their generic functionalities whereby any developer can easily understand and specialize it to its needs by inheriting, referencing to objects and overriding the methods. Usually, framework, libraries and APIs look similar in terms of abstracting the concept, make everything reusable but library and API can be seen as platform with more concentrated on concrete implementations.

I am going to give few points from what I have learned from my this project:

- Identifying variant from invariant and make common functionalities as part of the framework.
- Thinking what the developer needs and how the developer will use the framework.
- Providing a framework that is easy to use and can adapt to change based on specific business logic.
- Think of frameworks that were previously used and think how they are implemented internally.

As a Application developer

It usually extends the framework entities and functionalities by following the basic OOP principles and design patterns. Since application intends very specific area it contains its own implementations while keeping the dependencies to framework objects and methods.

Things I have learned from this experience:

- quick and flexible development relying on framework business logic and controllers.
- most importantly it reduces the cost as well as time if we use framework for applications.