LIFF JS SDK Development Team Introduction

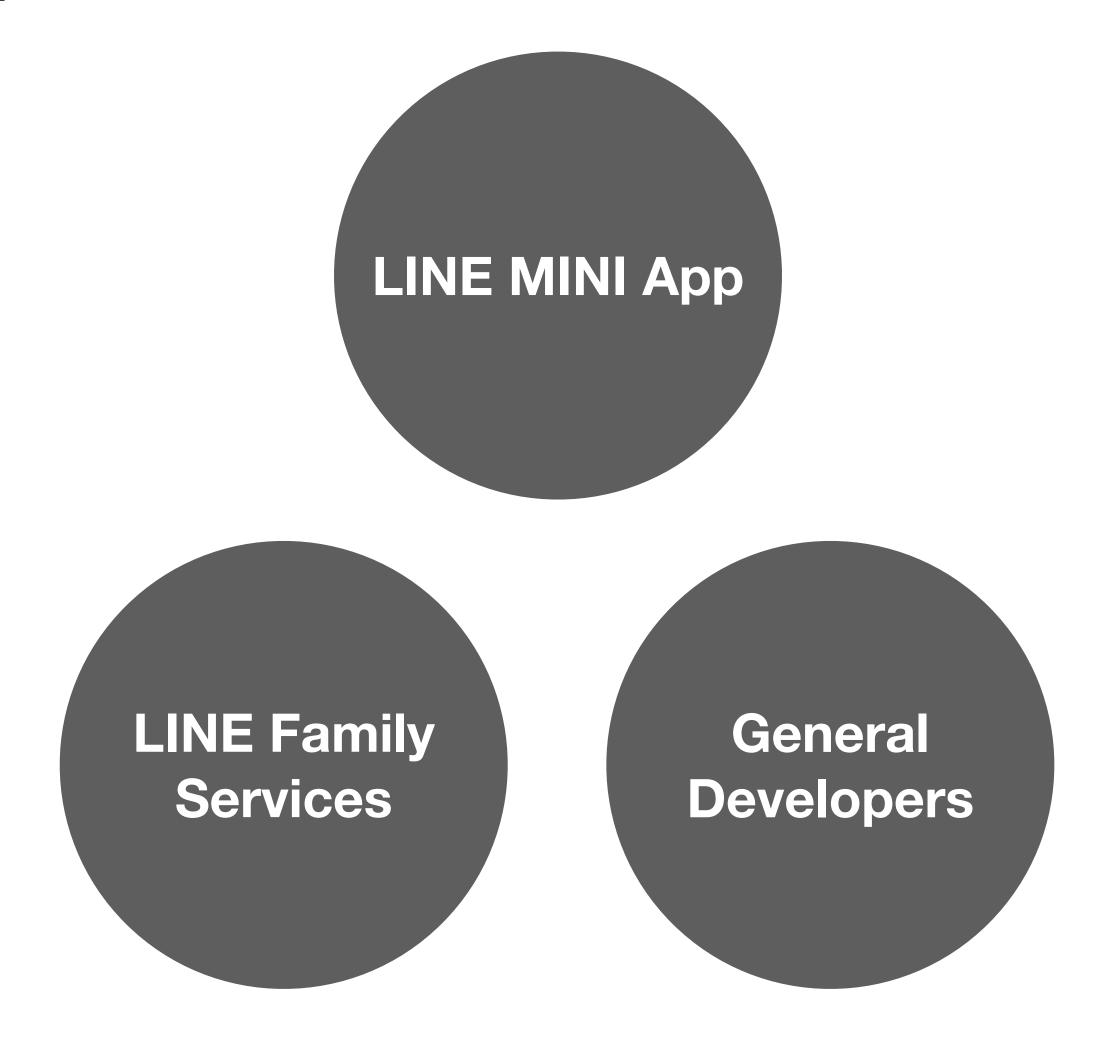
Shingo Sato / @sugarshin

Software Developer

LINE Frontend Development Center Team7

LIFF JavaScript SDK Team





Web application development platform

JavaScript, HTML, and CSS

Integration with LINE platform

Cross browser

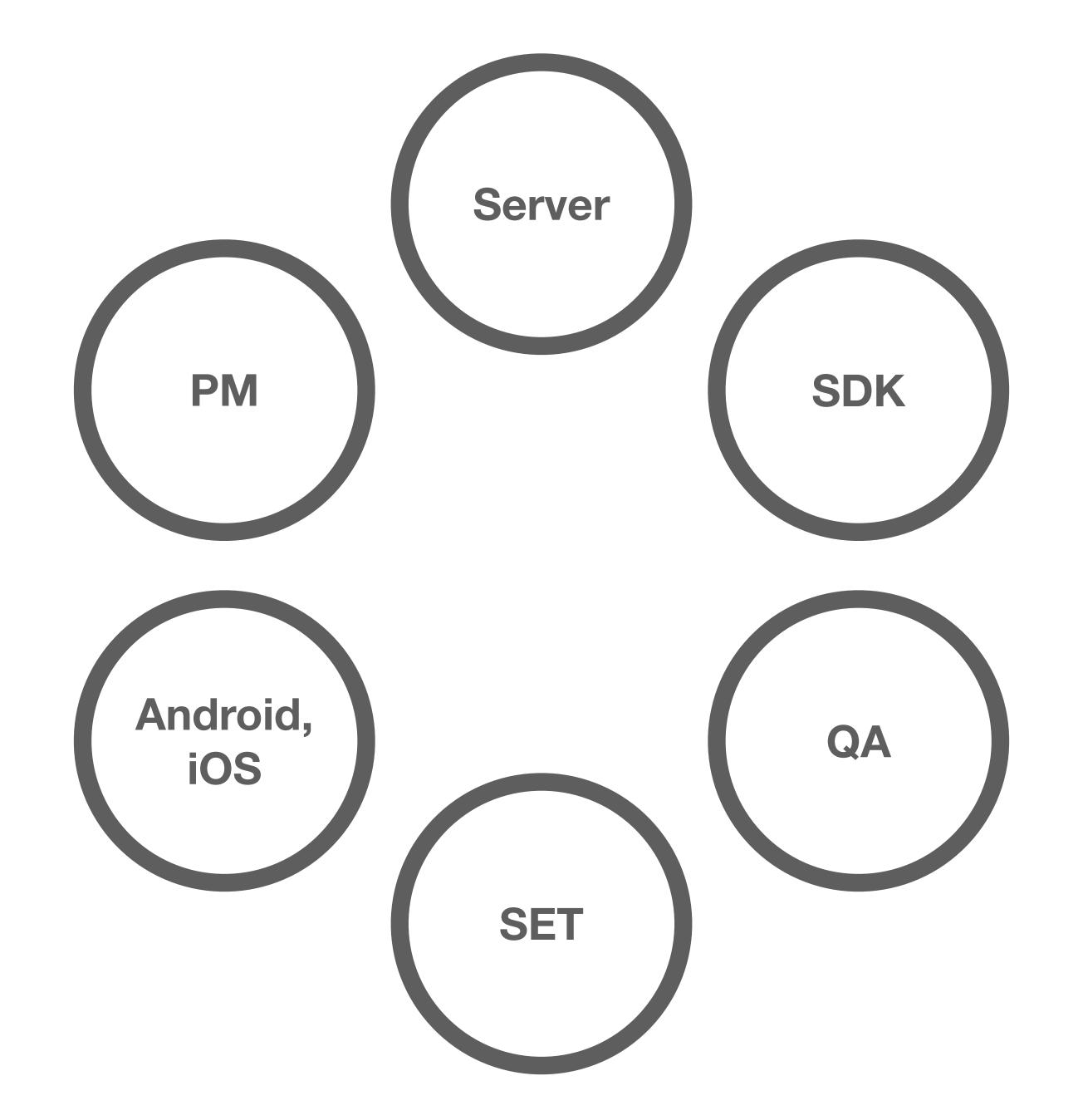


```
import liff from '@line/liff';

await liff.init({ liffId: 'yourLiffId' });

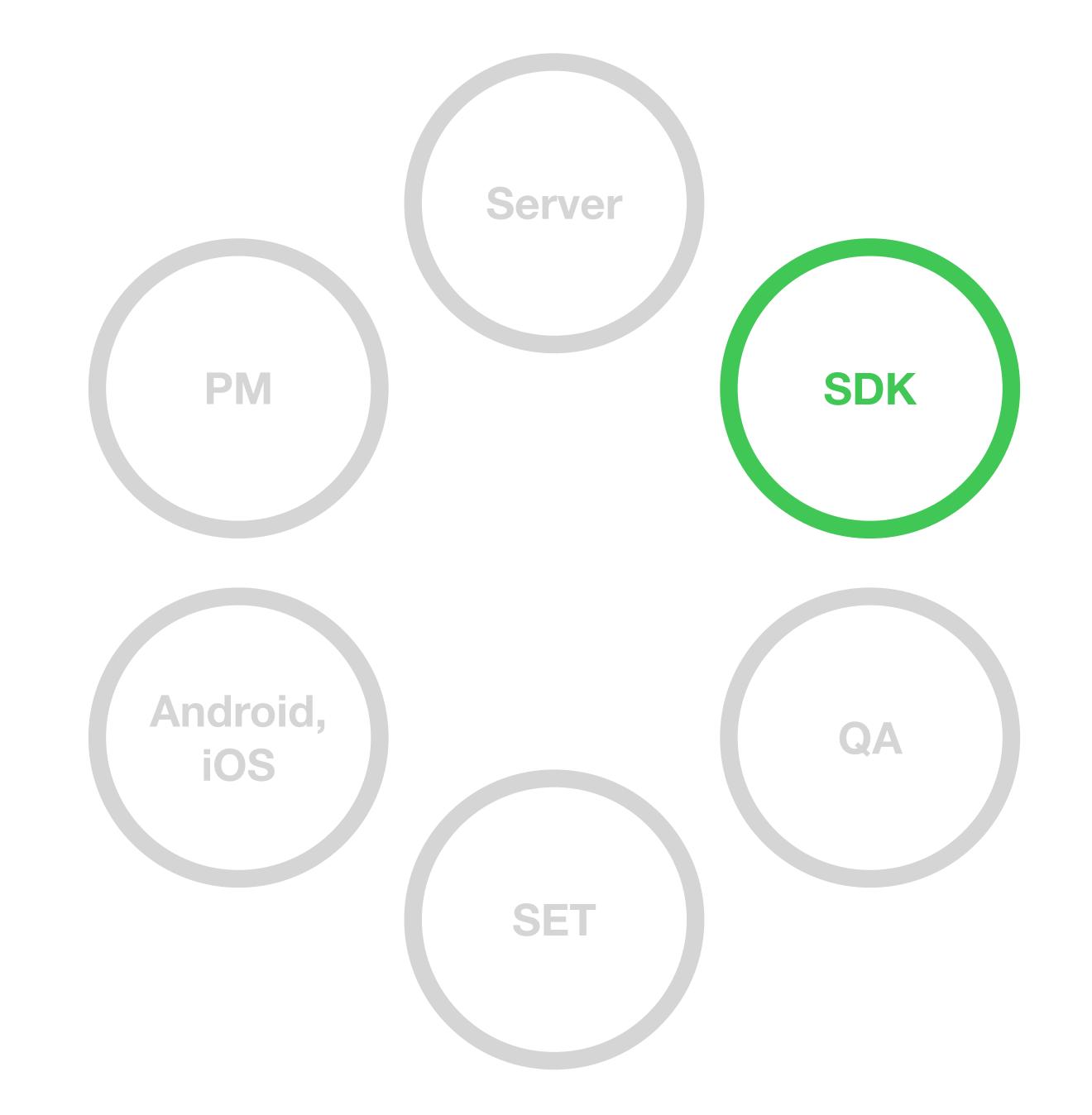
if (liff.isLoggedIn()) {
   liff.getProfile();
   } else {
   liff.login();
}
```

LIFF Teams



LINE

LIFF Teams



LINE

SDK Development Team









SDK Development Team





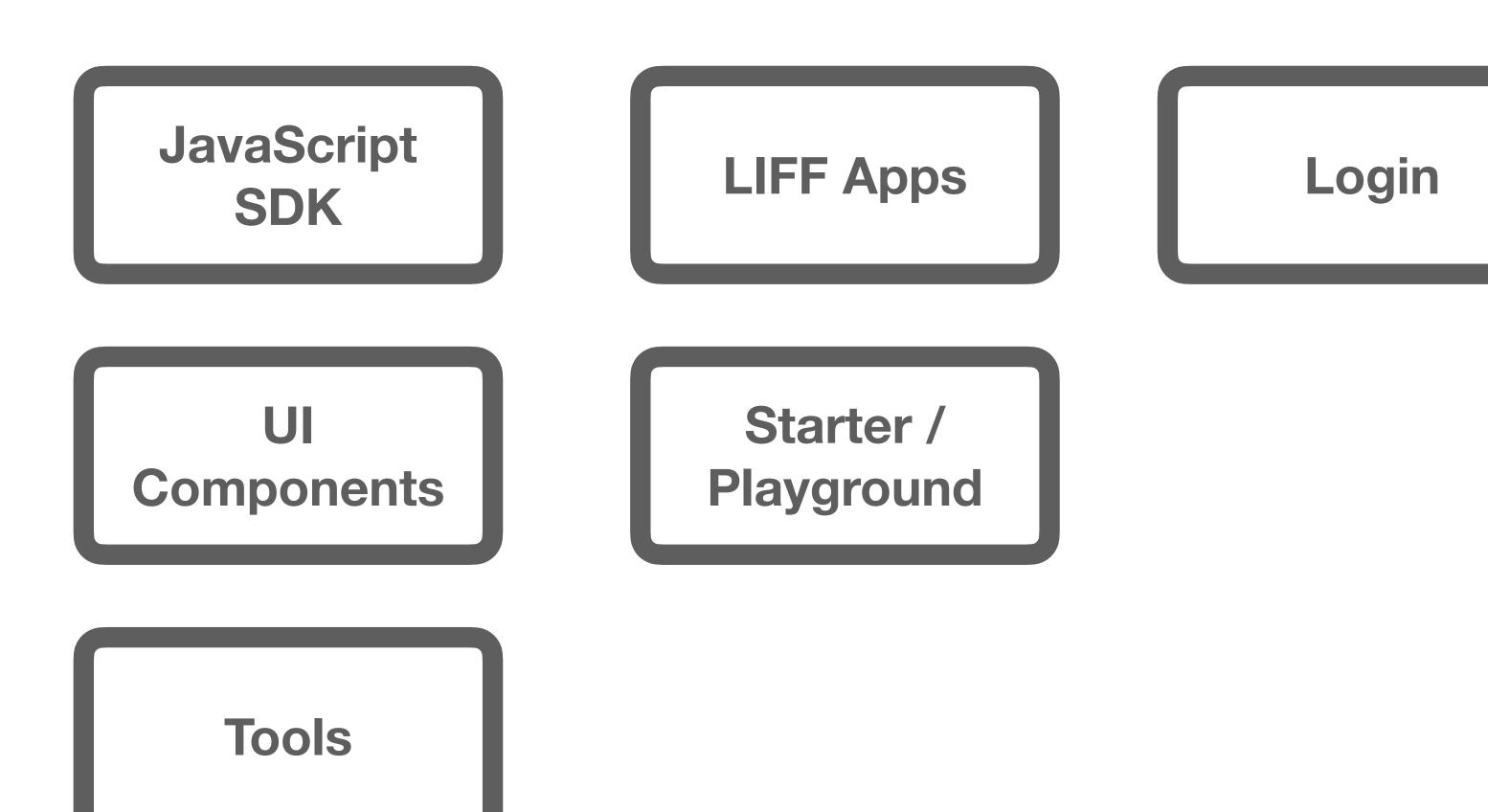




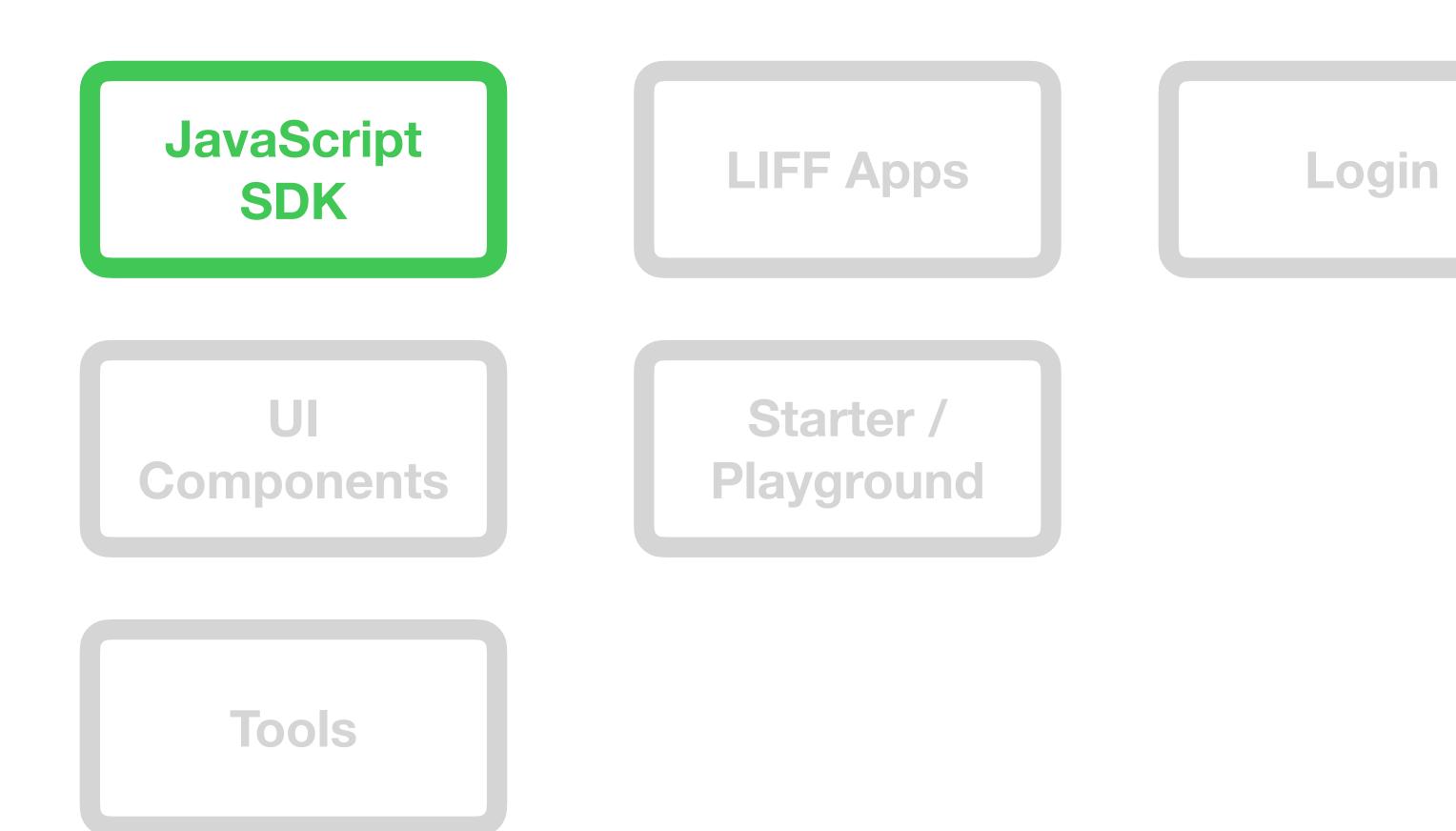
Kyoto

Tokyo

SDK Development Team Components



SDK Development Team Components



Architecture Review / Design Review

Background and Issues

Objective

Goal

Solution Ideas

System Architecture, Implementation Design, I/F, etc.

```
LINE
```

```
Design doc - Mock LIFF server
                                                                                                                                               PRESIDENT CONTRACTOR OF THE PROPERTY OF THE PARTY OF THE 
                                                                                                                                                                      2. Selution
                                                                                                                                                  3. Goal
1. In scape
2. Out of scape

    High-level design
    Components
    Reaf of concept.

LIFF SDK Design Doc - Monorepo
       Monorepo for liff-sdk

    Not appropriate module dependencies and dependency injection

    Occur potential bugs
    Officult to refullating
    Officult to develop a new feature

                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ", doesn't work.
It is done by the
            2. We plan to make the MT-sells to internal DSS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           LIFF SOK works.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           not the native apps
        Directory structure
                                                                                        Strategy of publish

    Publish all #LIPM/s and #Line/LiPF packages with bumped-up varsion even if only a small change in one package
```

TECH STACK

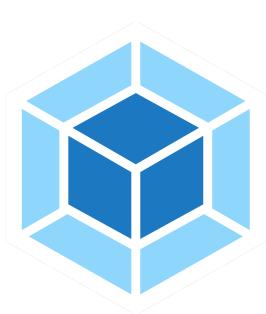
TECH STACK





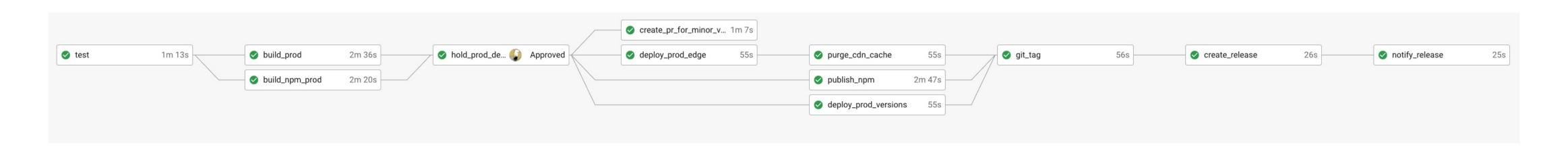






TECH STACK



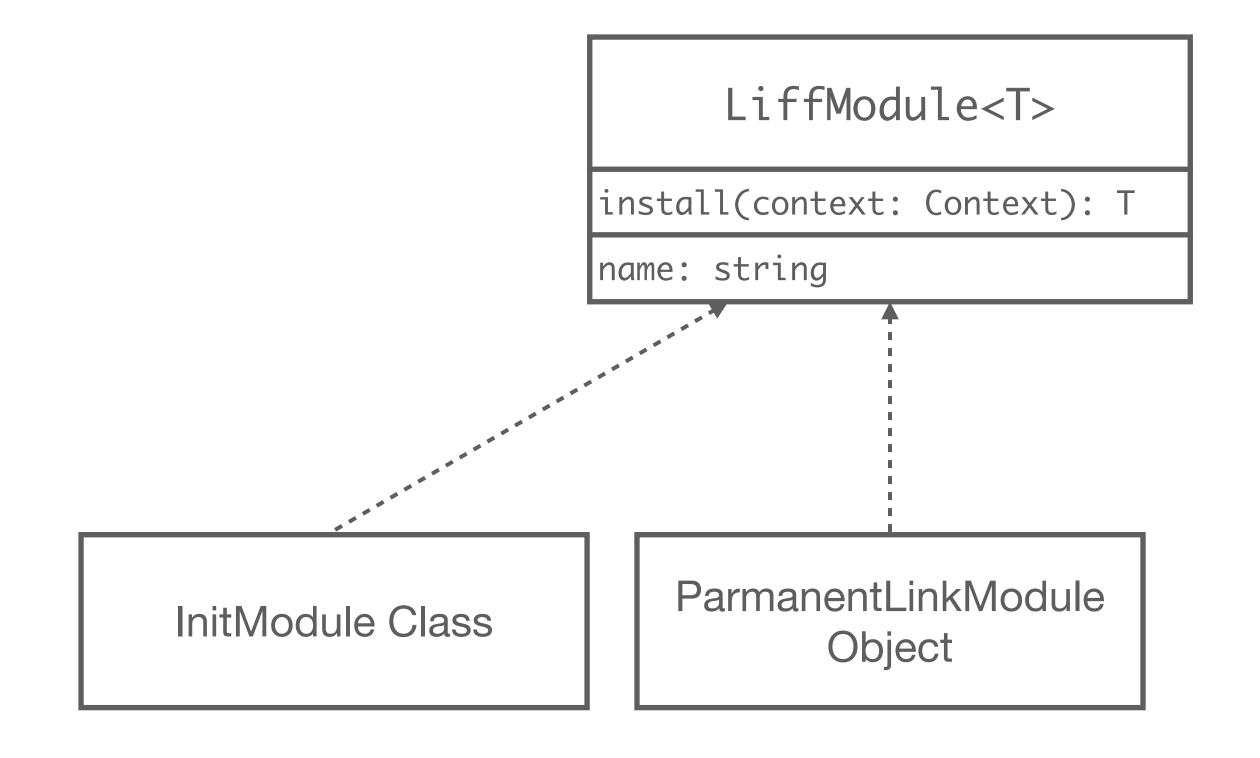


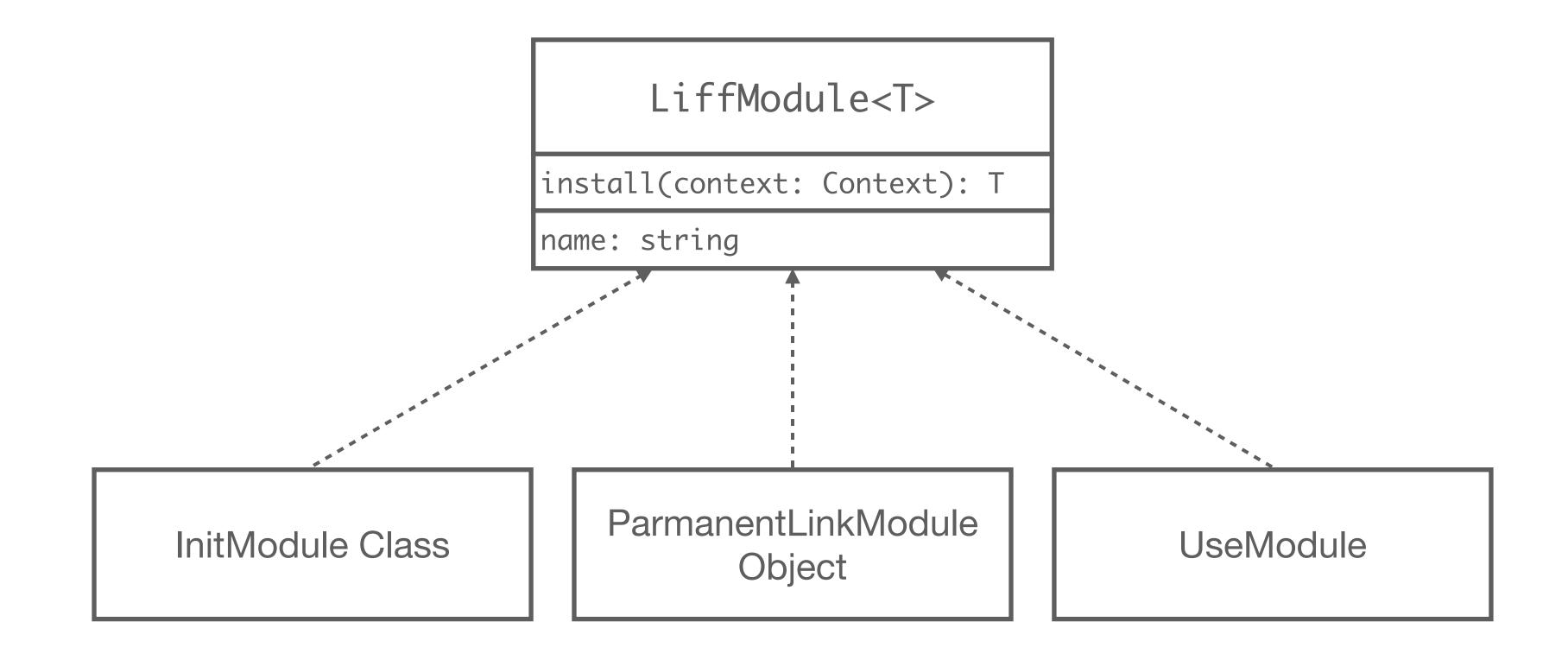


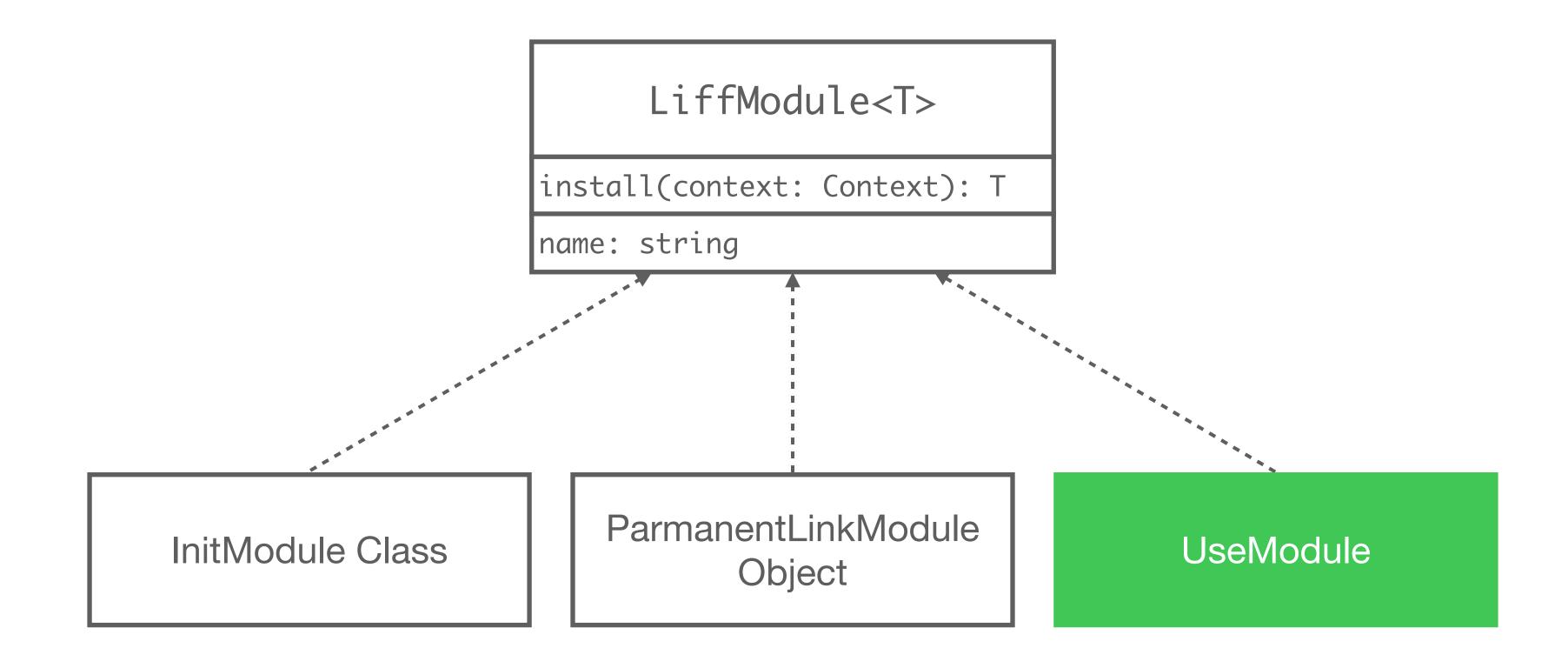
LiffModule<T>

install(context: Context): T

name: string







Huge user base

Huge user base

Focus on platform development



Huge user base

Focus on platform development

Multi-knowledge



Developer Experience

Developer Experience

Value Creation

Value Creation

OSS

Value Creation

OSS

Plug-in system

And so on



THANKYOU