

# Objective-Cloud

<http://objective-cloud.com>

# Objective-Cloud

- Back-end applications in Objective-C
- Git deployment workflow

# Back-end applications in Objective-C

- Invocation based applications
- Request based applications

# Invocation based applications

- Looks like regular Objective-C method calls
- JSON based

```
@implementation Service
```

```
+ (NSNumber*)sumOf:(NSNumber*)a and:(NSNumber*)b
{
    return @(a.integerValue + b.integerValue);
}

@end
```

```
curl -X POST http://localhost:10000/Service -d '{"selector" : "sumOf:and:", "arguments" : [1,2]}'
{
    "returnValue" : 3
}
```

```
#import <OCCClient/OCCClient.h>
#import "Service.h"
```

```
- (void)applicationDidFinishLaunching:(NSNotification *)n {
    // Connect to your cloud application. Has to be done only once.
    [Service connectToTeam:@"12345"
                    cloudApp:@"Test"
                    serverURL:@"https://obcl.io"];

    // 2 + 40 is calculated by your cloud application.
    NSNumber *sum = [Service sumOf:@1 and:@2];
    if(sum.error) {
        // handle the error
        return;
    }
    NSLog(@"Sum of 1 and 2 is: %@", sum);
}
```

# Request based applications

- GET, PUT, POST and DELETE request
- Ideal for REST API
- Dynamic Web site creation

```
#import "CloudApp.h"
#import <OCFWeb/OCFRequest.h>

@implementation CloudApp

// +finishLaunching is called automatically once in the lifetime
// of your cloud application. This is where you do setup related
// things like creating routes and handlers.

+ (void)finishLaunching {
    // Add the route and handler
    [self handleRequestsWithMethod:@"GET"
        matchingPath:@"/hello"
        withBlock:^(OCFRequest *request) {
            // respond with "Hello World"
            [request respondWith:@"Hello World"];
        }];
}

@end
```

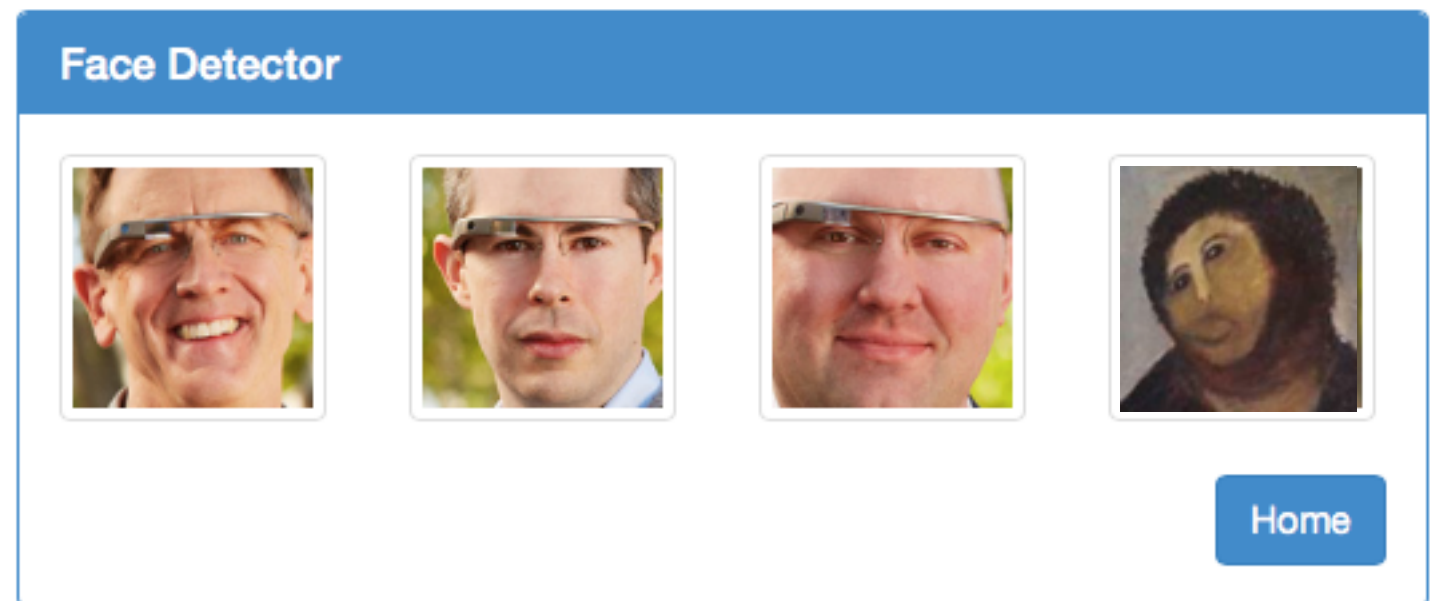
# Git Deployment Workflow

- Creation of a new application on [objective-cloud.com](https://objective-cloud.com)
- git clone on local workstation
- local development in Xcode and test with Terrasphere
- git push to [objective-cloud.com](https://objective-cloud.com) for automatic deployment



# Demo

Face Detector™



# Thank You!

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