

SnoopEE

A Discovery Service for **Java EE**

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I'm considering renaming #Snoop to #SnoopEE WDYT?
github.com/ivargrimstad/s... #JavaEE

12%

Snoop

88%

SnoopEE



 [@ivar_grimstad](https://twitter.com/ivar_grimstad)

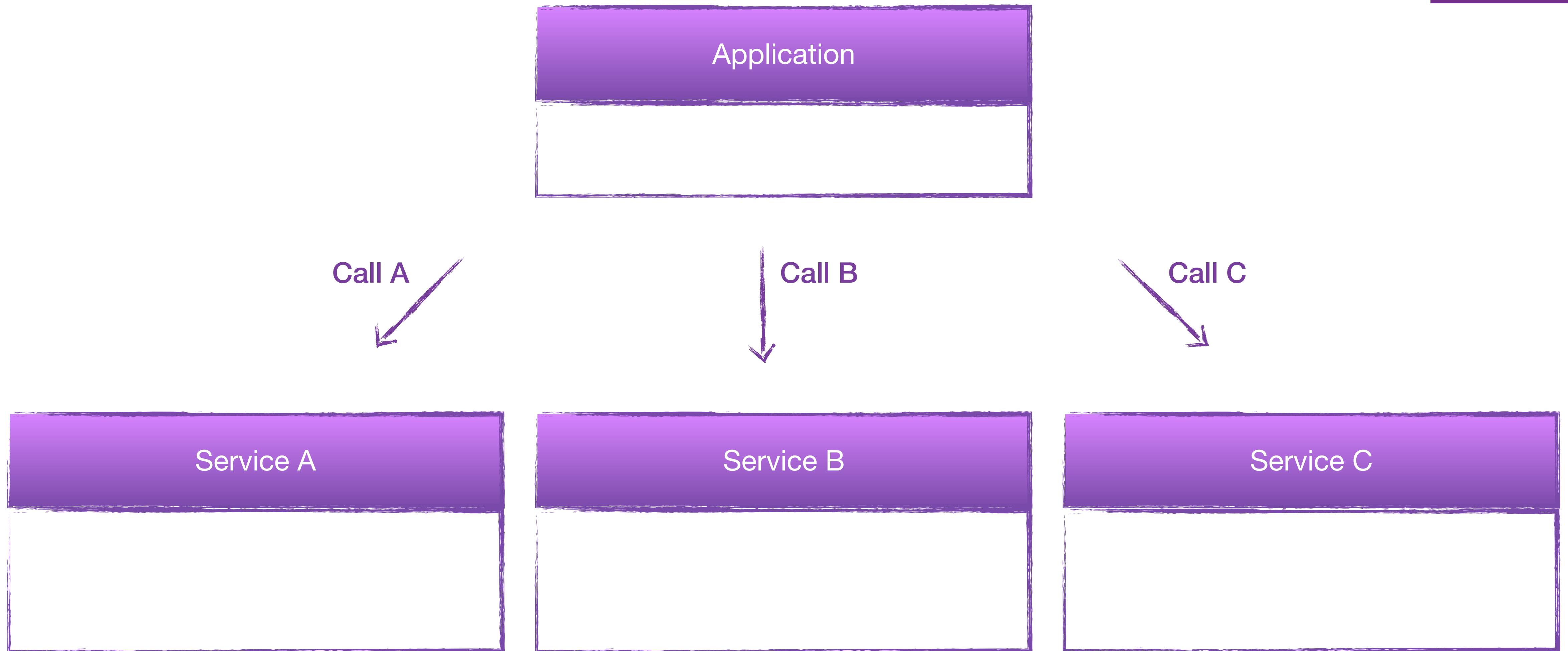
 <https://github.com/ivargrimstad>

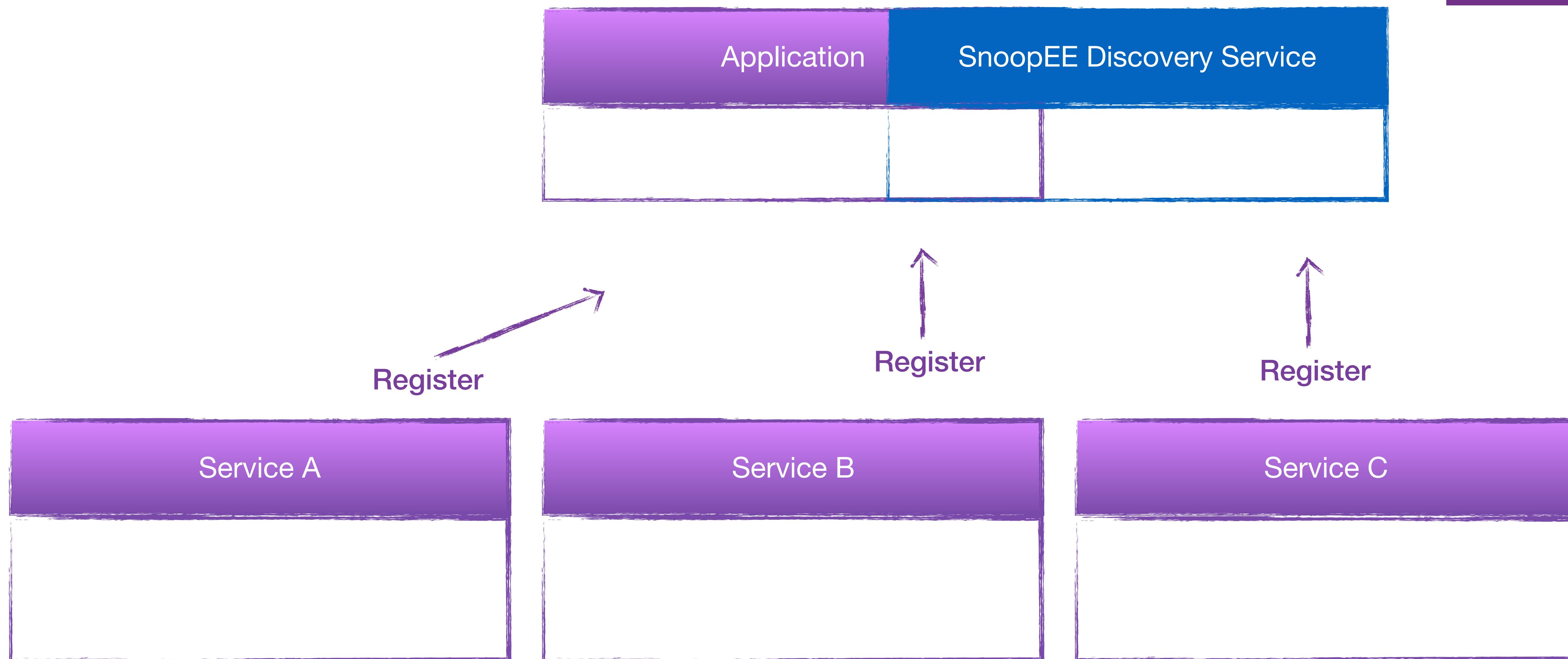
 <https://www.linkedin.com/in/ivargrimstad>

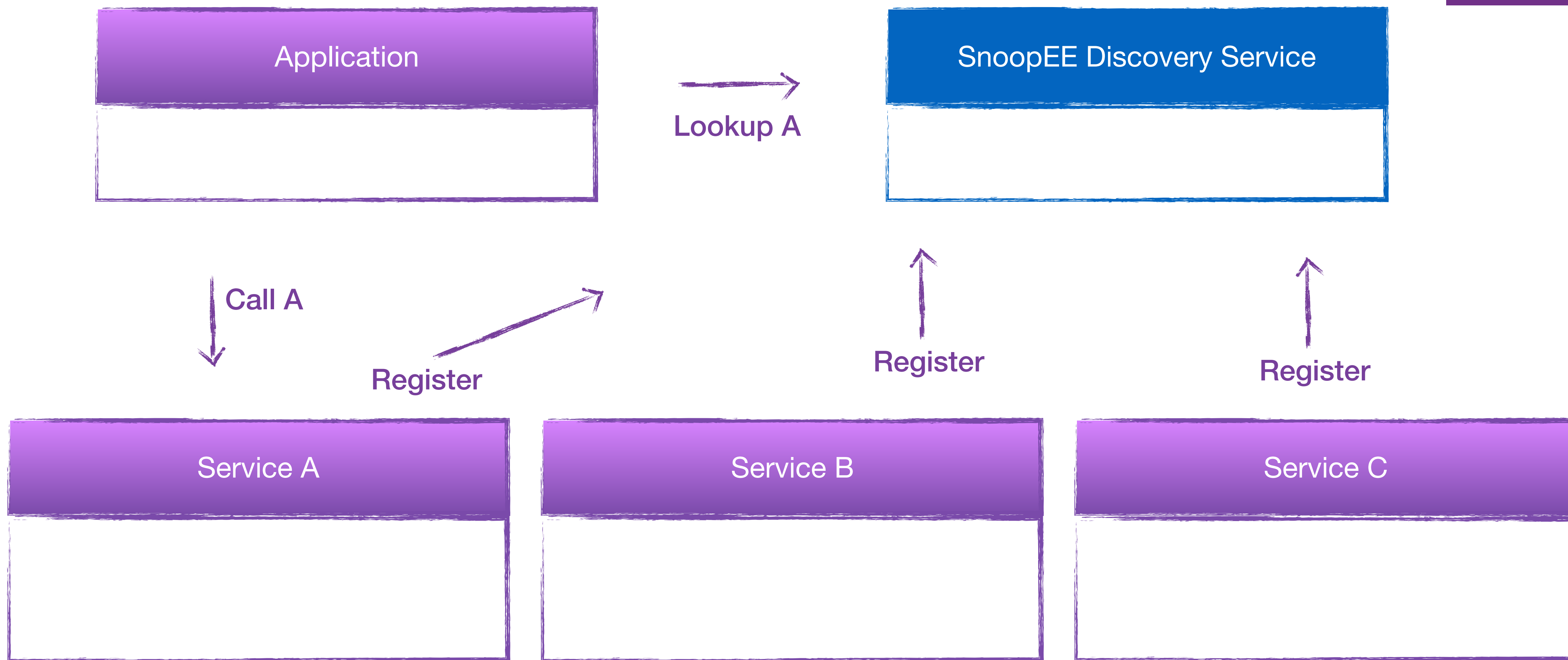
 <http://lanyrd.com/profile/ivargrimstad/>

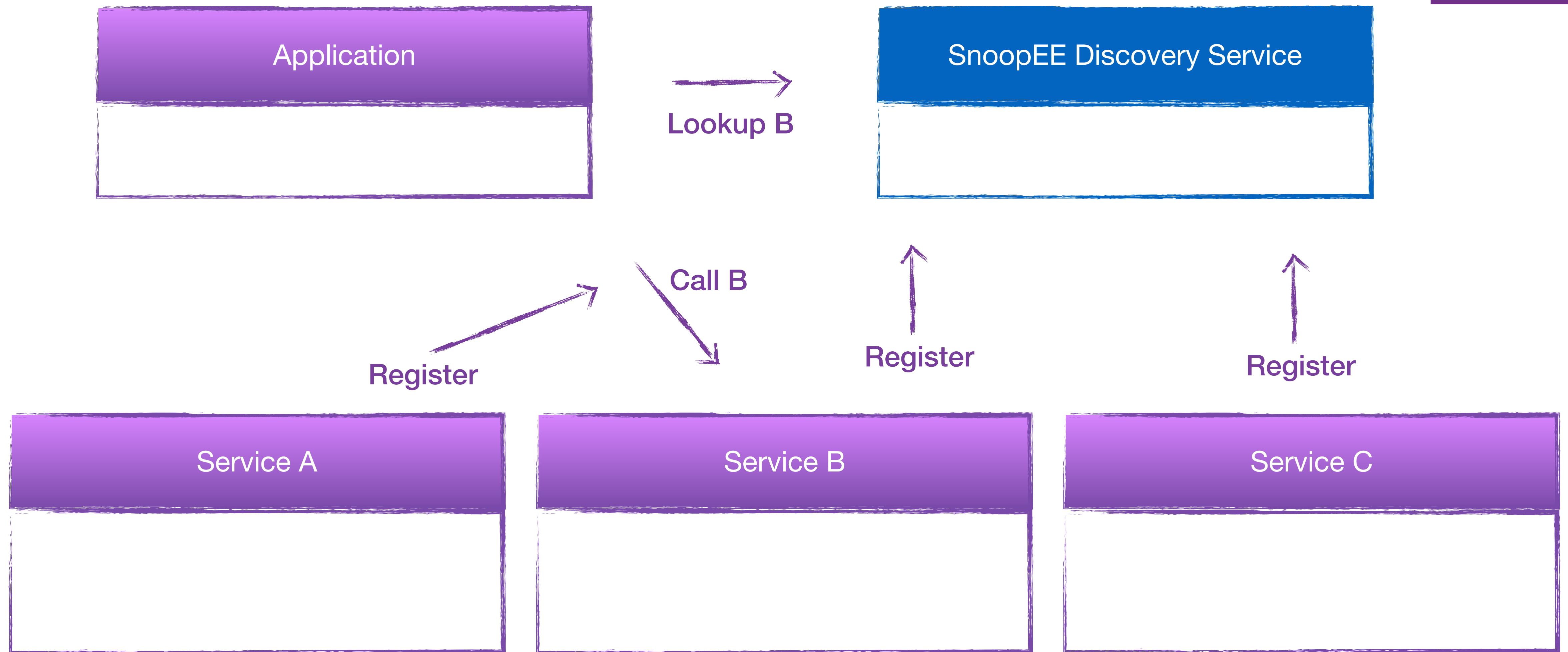


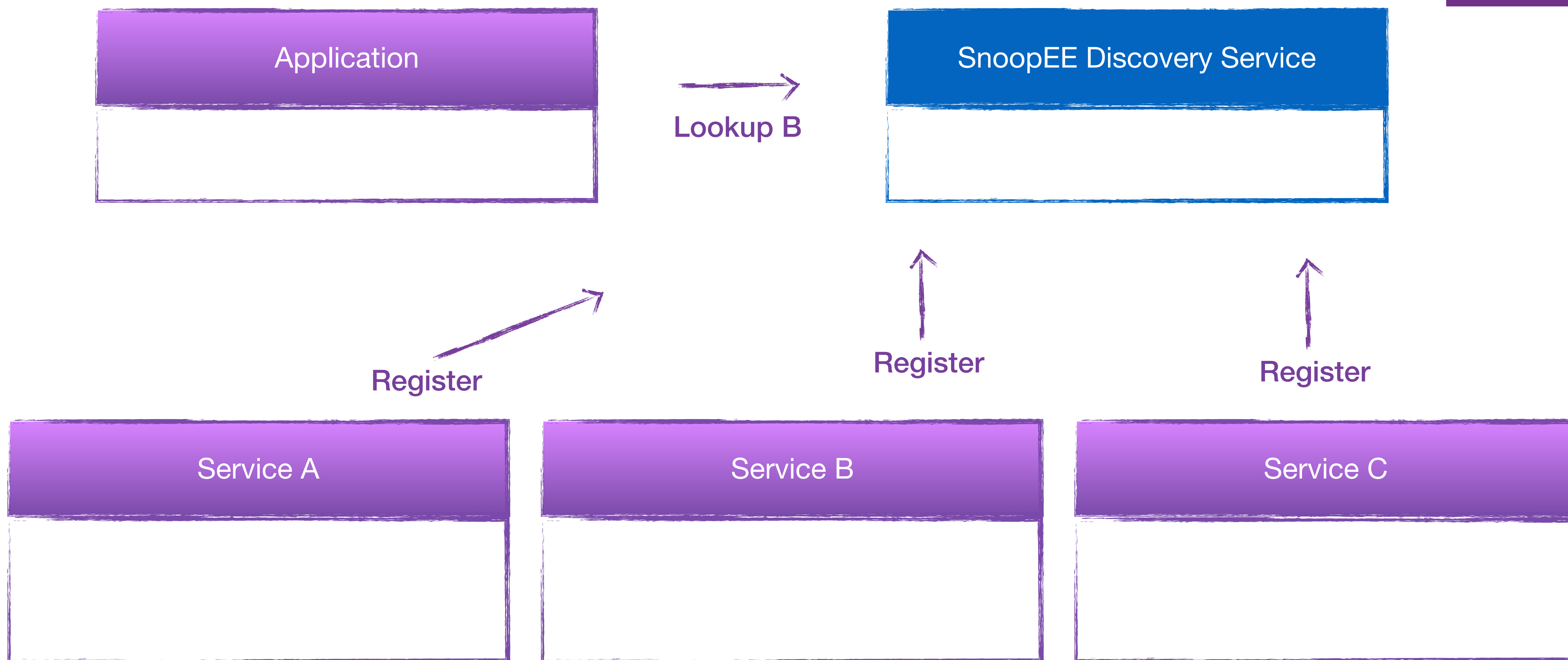
Discovering Microservices with SnoopEE



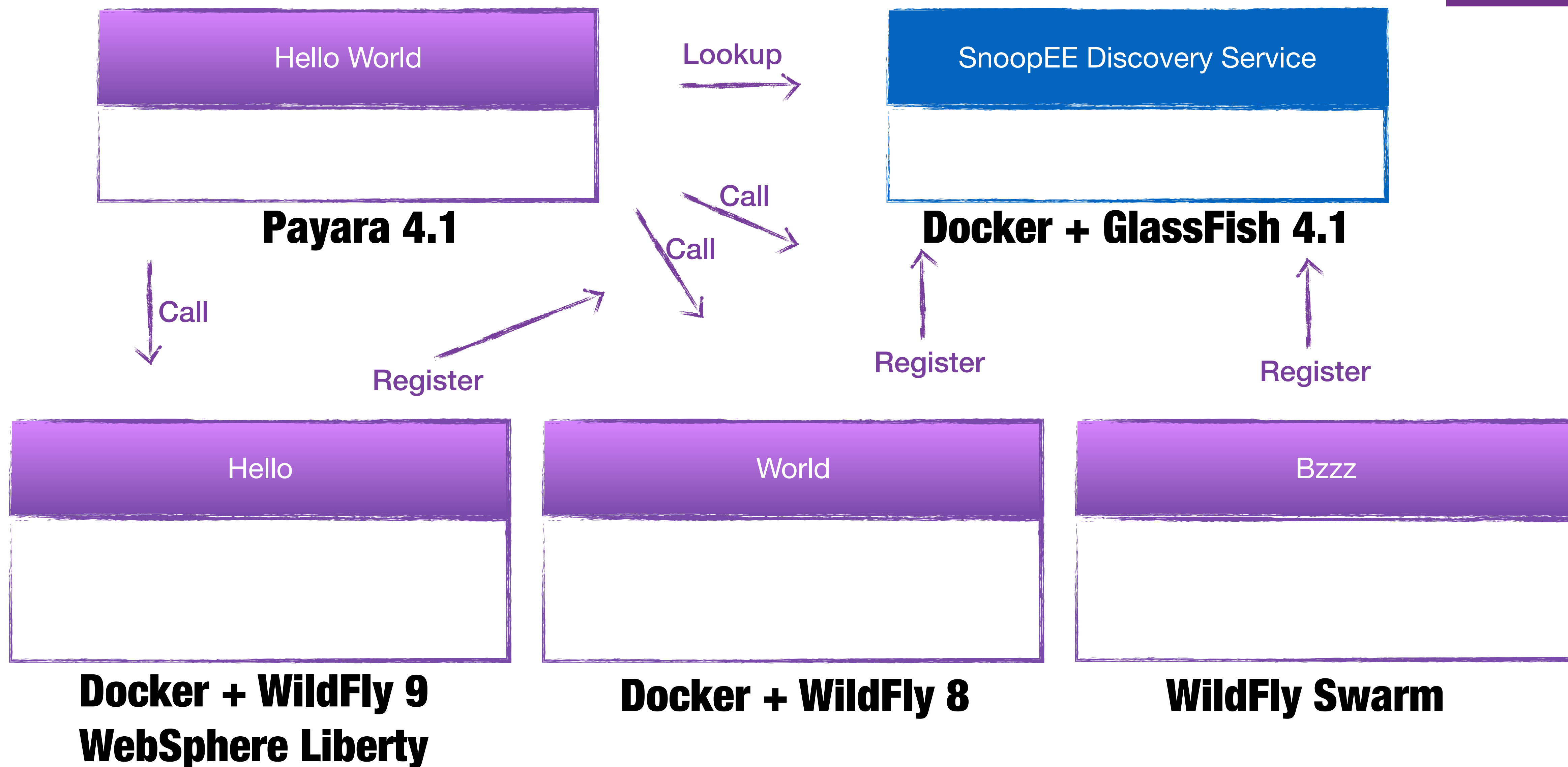


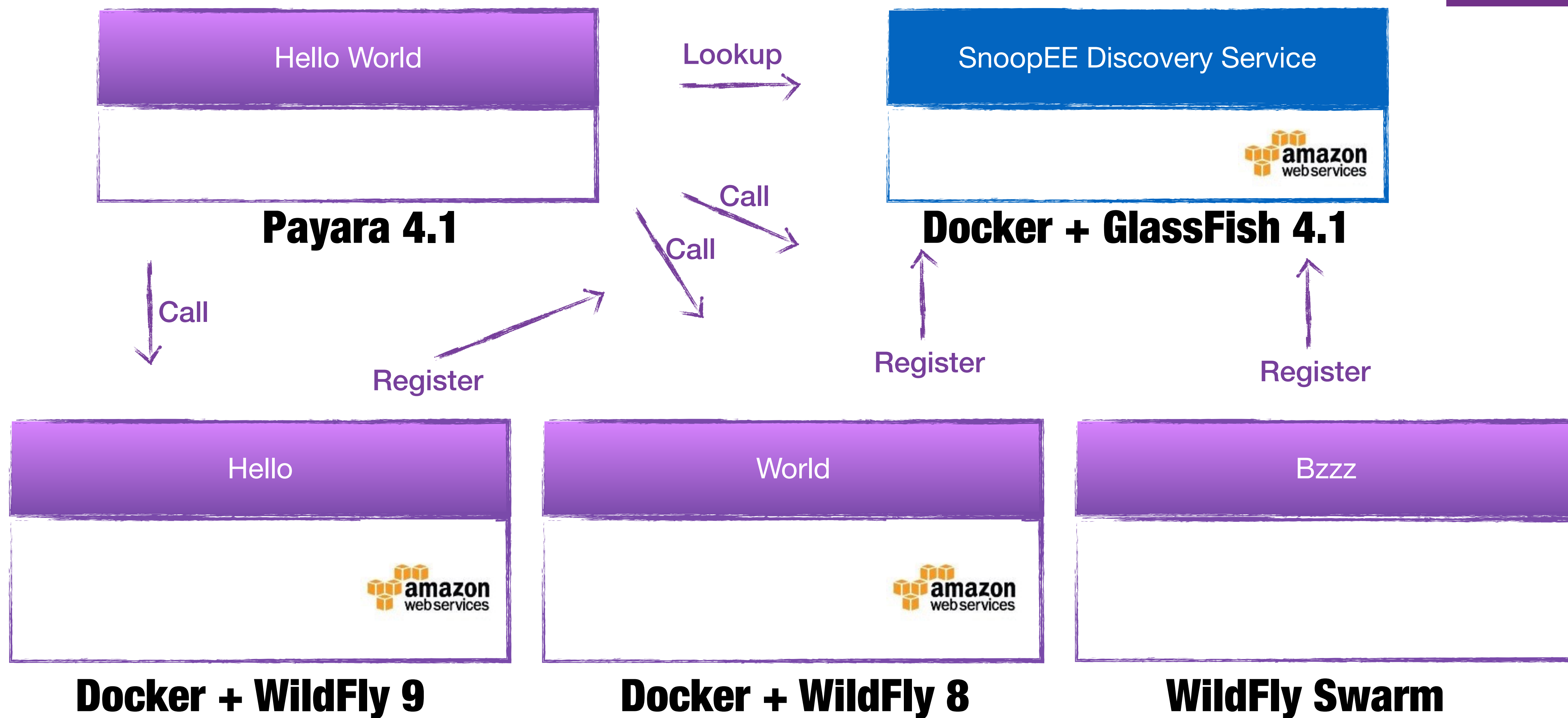






DEMO !





Resources

SnoopEE

<http://snoopee.agilejava.eu>

Samples

<https://github.com/ivargrimstad/snoop-samples>

Docker Images

<https://hub.docker.com/u/ivargrimstad>

cybercom.com

SnoopEE

Service Registration

```
@EnableSnoopClient (serviceName="hello")
```



```
@EnableSnoopClient(name = "hello")  
@ApplicationPath("api")  
public class ApplicationConfig  
    extends Application {  
}
```

SnoopEE

Service Lookup

@Snoop (serviceName="hello")

```
@Inject  
@Snoop(serviceName = "hello")  
private SnoopServiceClient helloService;
```


SnoopEE Service Consumption

SnoopServiceClient

```
@Inject  
@Snoop(serviceName = "hello")  
private SnoopServiceClient helloService;
```

Method Summary

All Methods	Instance Methods	Concrete Methods
Modifier and Type		Method and Description
javax.ws.rs.client.WebTarget		getServiceRoot () Locator to get the service root for the service registered with Snoop.
Optional <javax.ws.rs.core.Response>		simpleDelete (String resourcePath) Convenience method for making a simple DELETE request on a resource.
Optional <javax.ws.rs.core.Response>		simpleGet (String resourcePath) Convenience method for making a simple GET request on a resource.
Optional <javax.ws.rs.core.Response>		simplePost (String resourcePath, Object resource) Convenience method for making a simple POST request on a resource.
Optional <javax.ws.rs.core.Response>		simplePut (String resourcePath, Object resource) Convenience method for making a simple PUT request on a resource.


```
String helloResponse =  
    helloService.simpleGet("hello")  
        .filter(r -> r.getStatus() == 200)  
        .map(r ->  
            r.readEntity(String.class))  
        .orElse("goodbye");
```

SnoopEE Configuration

System Properties

Environment Variables



Application Configuration (`snoop.ym1`)

snoop.yml

```
snoop:  
  host: http://localhost  
  port: 8080  
  serviceRoot: snoop-hello-service/api  
  snoopService: 192.168.99.100:8081/snoop-service/
```