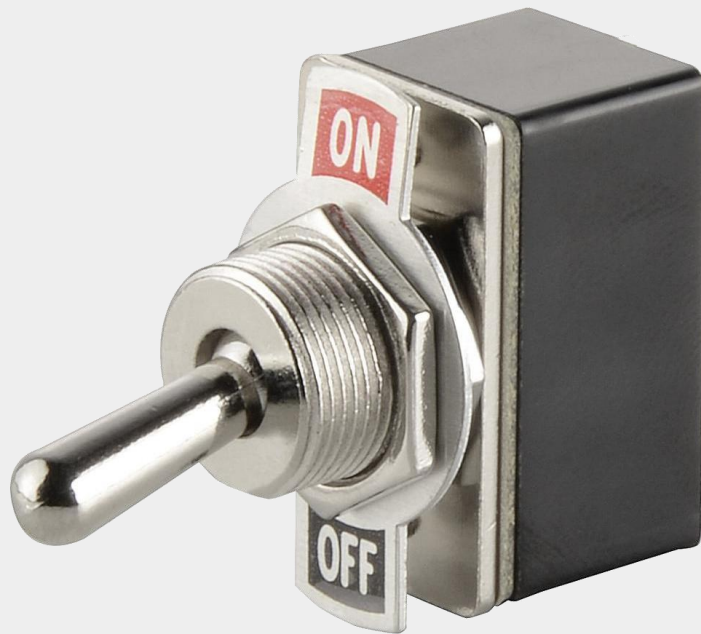


Tuez vos branches Faites des feature toggles

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Simple branching strategy chart used in many organizations today. [#DevOps](#) [#ContinuousDelivery](#) @tommysdk

GIT MERGE





master



Feature

Toggle
Flag
Switch
Flipping
Bucket
Bits







Implementation | the naive way

```
if (toggles.isActivated("Awesome new feature")) {  
    // Let's do this new exciting feature !  
} else {  
    // Okay, let's execute this boring old feature  
}
```

```
18  
19 <div ng-if="myCtrl.toggles.experimentalButtonIsActivated" >  
20     <ExperimentalButton />  
21 </div>  
22
```

Implementation | the classic way

```
public interface IFindPathInMetropolitain {  
    }  
  
public class NotOptimizedFinder extends IFindPathInMetropolitain {  
    }  
  
public class SuperOptimizedFinder extends IFindPathInMetropolitain {  
    }
```

```
public class MetropolitanFinder  
{  
    @Inject  
    public MetropolitanFinder(IFindPathInMetropolitain pathFinder) {  
    }  
}
```

```
public class BootstrapApp {  
    public void configureJuice() {  
        if(feature.isEnabled("optimizedFinder")) {  
            bind(IFindPathInMetropolitain.class).to(SuperOptimizedFinder.class);  
        }  
        else {  
            bind(IFindPathInMetropolitain.class).to(NotOptimizedFinder.class);  
        }  
    }  
}
```

Configuration | with File

```
optimizedFinder=true  
experimentalButton=false
```

```
<feature uid="optimizedFinder" enable="true" >  
  <security>  
    <role name="RESTRICTED-USER" />  
    <role name="ADMIN" />  
  </security>  
</feature>  
  
<feature uid="experimentalButton" enable="false">  
  <flipstrategy class="strategy.ReleaseDateFlipStrategy" >  
    <param name="releaseDate" value="2020-07-14-14:00" />  
  </flipstrategy>  
</feature>
```

Configuration | As a service

Dashboard

Your feature flags

NEW +

<ul style="list-style-type: none">• Alternate product page Added 2 years ago	alternate.page	<input checked="" type="checkbox"/>	DELETE
<ul style="list-style-type: none">• Swap image on hover Added a year ago	image.hover	<input type="checkbox"/>	DELETE
<ul style="list-style-type: none">• Alternate sort order Added a year ago	sort.order	<input checked="" type="checkbox"/>	DELETE
<ul style="list-style-type: none">• Simplified checkout flow Added 7 days ago This controls the simplified checkout flow we're building	simplified-checkout-flow	<input checked="" type="checkbox"/>	DELETE
<ul style="list-style-type: none">• VIP User Page Added 2 hours ago	vip	<input type="checkbox"/>	DELETE



LaunchDarkly

Feature toggle for the dev

Feature toggle for the dev



**No more
branches**

Feature toggle for the dev



**No more
branches**



Clean & Tested

Feature toggle for the dev



**No more
branches**



Clean & Tested



**Continuous
integration**

Feature toggle for the **business**

Feature toggle for the **business**



FAST

Feature toggle for the **business**



FAST



FEEDBACK

Feature toggle for the **business**



FAST



FEEDBACK



MODULARITY

But ...



Short-lived



Short-lived



Clean



Short-lived



Clean



Manage

One more thing

A powerful enabler for...



Achievements unlocked

A powerful enabler for...



Achievements unlocked

Trunk Based Development

A powerful enabler for...



Achievements unlocked

Trunk Based Development
Continuous integration

A powerful enabler for...



Achievements unlocked

Trunk Based Development
Continuous integration
A/B Testing

A powerful enabler for...



Achievements unlocked

Trunk Based Development
Continuous integration
A/B Testing

Merci !