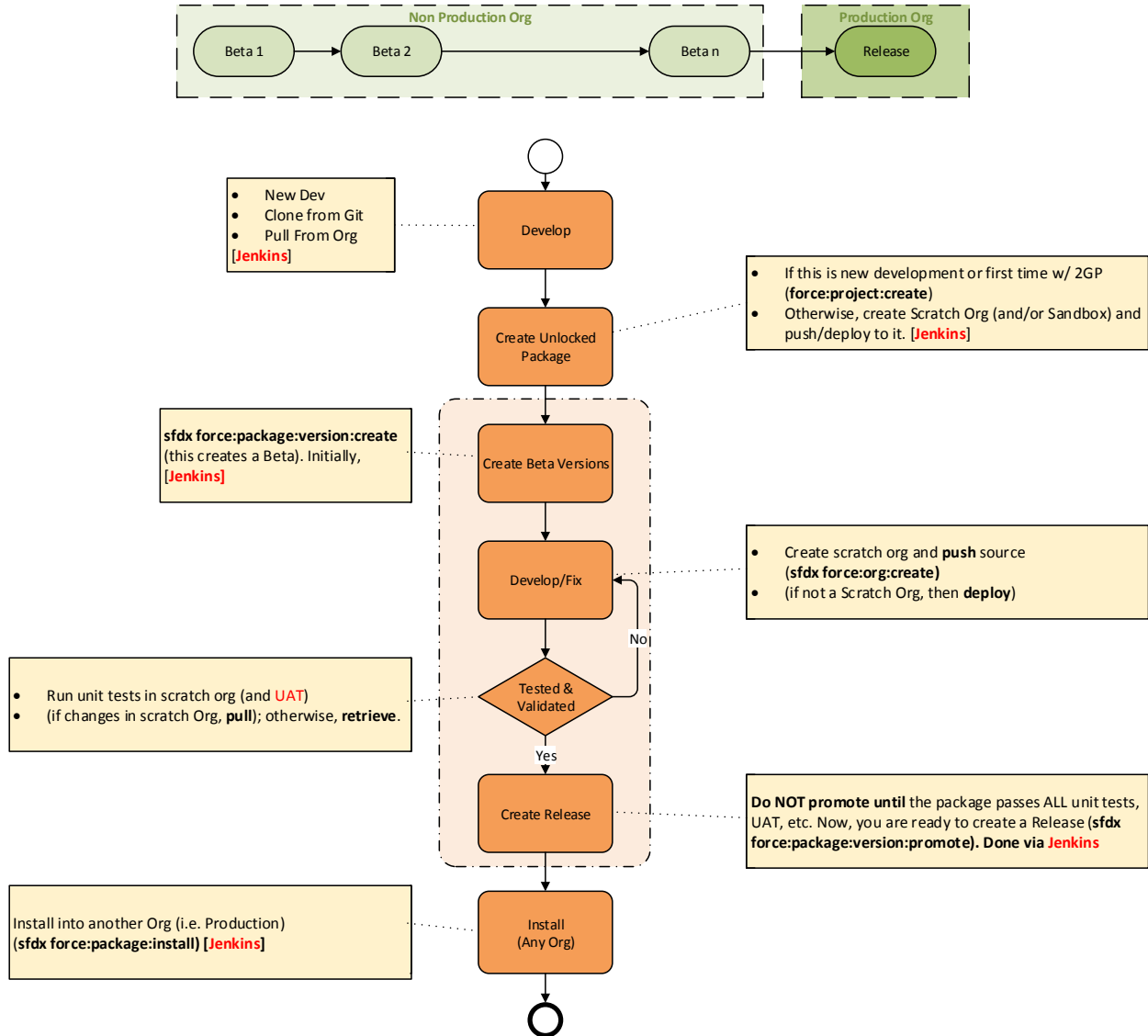


# 1 OVERVIEW

This document outlines the SFDX commands associated with Package lifecycle below.



## 2 ASSUMPTIONS

1. You have a standard sfdx-project.json
2. You have a Git-Repo for source

## 3 CREATE THE PACKAGE

---

### 3.1 COMMAND (CREATE UNLOCKED PACKAGE)

```
sfdx force:package:create --name wf-aura --description "Wells Fargo  
Common AURA Components " --packagetype  
Unlocked --path force-app --nonamespace --targetdevhubusername DevHub
```

Once created ... **0Ho** gets created and added to sfdx-project.json

```
{  
  "packageDirectories": [  
    {  
      ...  
      "package": "wf-aura",  
      "versionName": "version 0.1.1",  
      "versionNumber": "0.1.0.NEXT"  
    }  
  ],  
  ...  
  "packageAliases": {  
    "wf-aura": "0Ho1r000000fxUJATB"  
  }  
}
```

## 4 CREATE A SCRATCH ORG TO TEST THE PACKAGE

---

### 4.1 COMMAND

```
sfdx force:org:create --definitionfile config/project-scratch-def.json  
--setalias scratchWFAura -v DevHub
```

```
Successfully created scratch org: 00D9E000000111jUHA, username:  
test-xl2xhrol2isk@example.com
```

### 4.2 COMMAND SEE CURRENT ORG LIST + SCRATCH ORGS

```
sfdx force:org:list --all
```

## 5 CREATE A BETA VERSION FOR THE PACKAGE

---

### 5.1 COMMAND

- With a key ...
  - `sfdx force:package:version:create -p wf-aura -d force-app -k secretkey --wait 20 -v DevHub`
- Without a key
  - `sfdx force:package:version:create -p wf-aura -d force-app -x --wait 20 -v DevHub`

Once created ... **04t** gets created and added to sfdx-project.json

```
{
  "packageDirectories": [
    {
      ...
      "package": "wf-aura",
      "versionName": "version 0.1.1",
      "versionNumber": "0.1.0.NEXT"
    }
  ],
  ...
  "packageAliases": {
    "wf-aura": "0Ho1r000000fxUJATB",
    "wf-aura@0.1.0-1": "04t1r000000Ah9HATF"
  }
}
```

## 6 INSTALL METADATA INTO THE CREATED SCRATCH ORG

---

### 6.1 COMMAND (INSTALL/PUSH INTO SCRATCH ORG)

`sfdx force:source:push -u test-xl2xhrol2isk@example.com`

### 6.2 COMMAND (ONCE PACKAGED; INSTALL INTO NON-SCRATCH ORG)

- **[With Key]**: `sfdx force:package:install --wait 10 --publishwait 10 --package wf-aura@0.1.0-1 -k secretkey -r -u test-xl2xhrol2isk@example.com`
- **[Without Key]**: `sfdx force:package:install --wait 10 --publishwait 10 --package wf-aura@0.1.0-1 -r -u test-xl2xhrol2isk@example.com`

## 7 COMMAND TO OPEN ORG IN BROWSER

---

### 7.1 COMMAND (-U CAN-BE-ANY-AUTH-ORG )

**sfdx force:org:open -u [test-xl2xhrol2isk@example.com](mailto:test-xl2xhrol2isk@example.com)**

## 8 DEPLOY TO PRODUCTION (CREATE A RELEASE VERSION)

---

There is NO need to publish to the DevHub until all have been validated and confirmed. Otherwise, errors encountered will require another package version.

### 8.1 COMMAND

**sfdx force:package:version:promote -p wf-aura@0.1.0-1 -v  
DevHub**

#### **Response:**

Are you sure you want to release package version recipes-wf-aura@0.1.0-1? You can't undo this action. Release package (y/n)?: **y**