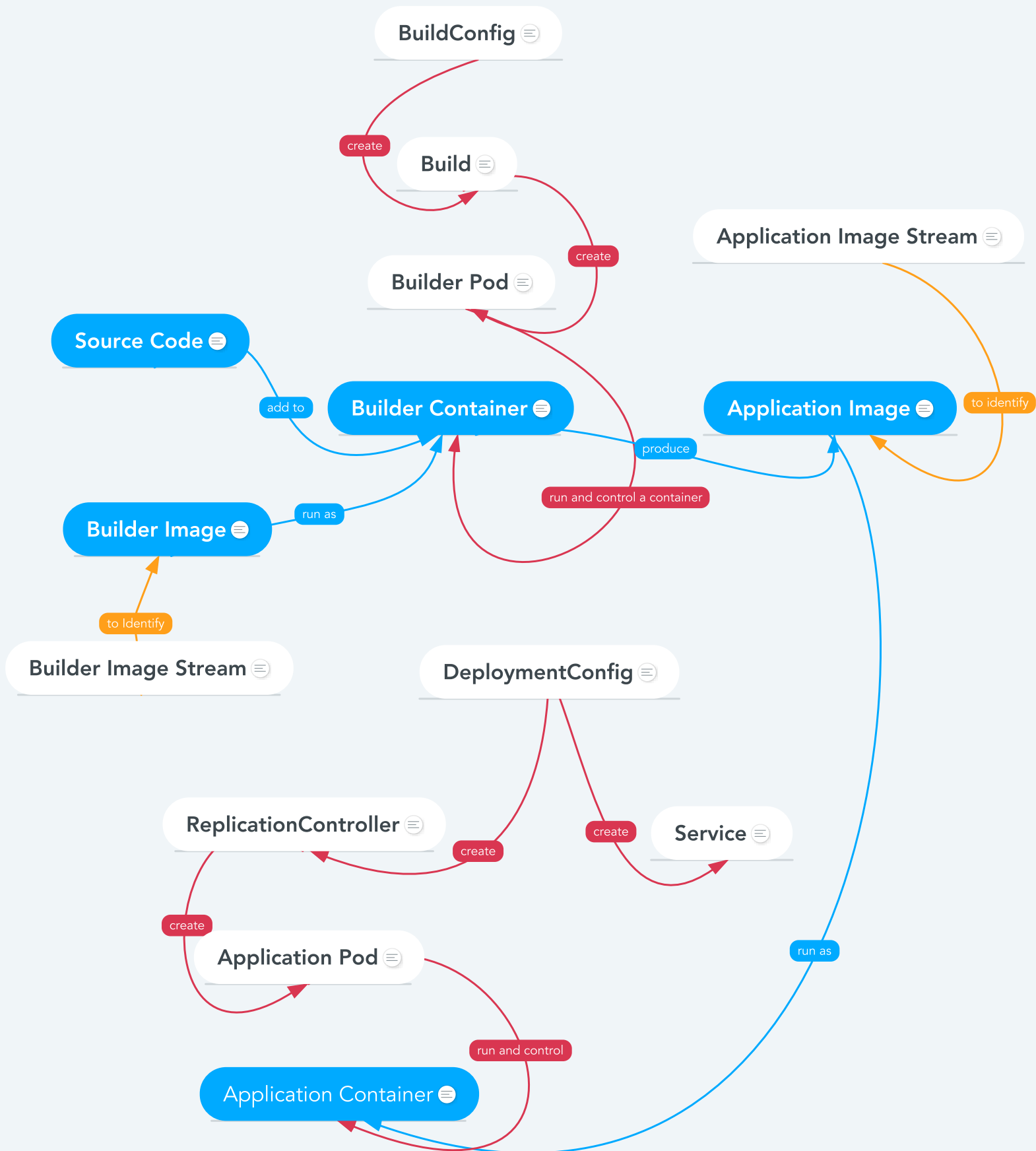


# OpenShift S2I Processes



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## 1. Application Image Stream

Image stream a short name for URL & Tag of Images

## 2. Application Image

Application Binaries, Libraries, Config Files are stored in this Image

## 3. Service

Service provides Fixed IP Address & Port which can be accessed over virtual network by pods/containers.  
Use oc expose dc to create a service

## 4. Build

Build define how to create Builder Pod

## 5. BuildConfig

**BuildConfig defines how to build/compile the source code**

## 6. DeploymentConfig

DeploymentConfig define how to deploy an Application Image

## 7. Builder Pod

A pod will run & control 1 or more containers

## 8. Builder Container

The source code will be compiled using matched language in the Builder Container

## **9. Application Container**

The actual Application run in this container

## **10. Application Pod**

Pods run and control 1 or more containers

## **11. ReplicationController**

ReplicationControl define how to create an Application Pod

## **12. Builder Image Stream**

Image stream a short name for URL & Tag of Images

## **13. Builder Image**

Will be pulled/downloaded from Red Hat Image Registry:  
[registry.access.redhat.com/](https://registry.access.redhat.com/)

## **14. Source Code**

Source Code will be cloned/downloaded from Git Server