

3 Artifact 관리를 위한 Nexus 활용

01 Artifact 관리를 위한 Nexus 활용 소개

Chapter 소개

01

Artifact 관리를 위한
Nexus 활용 소개

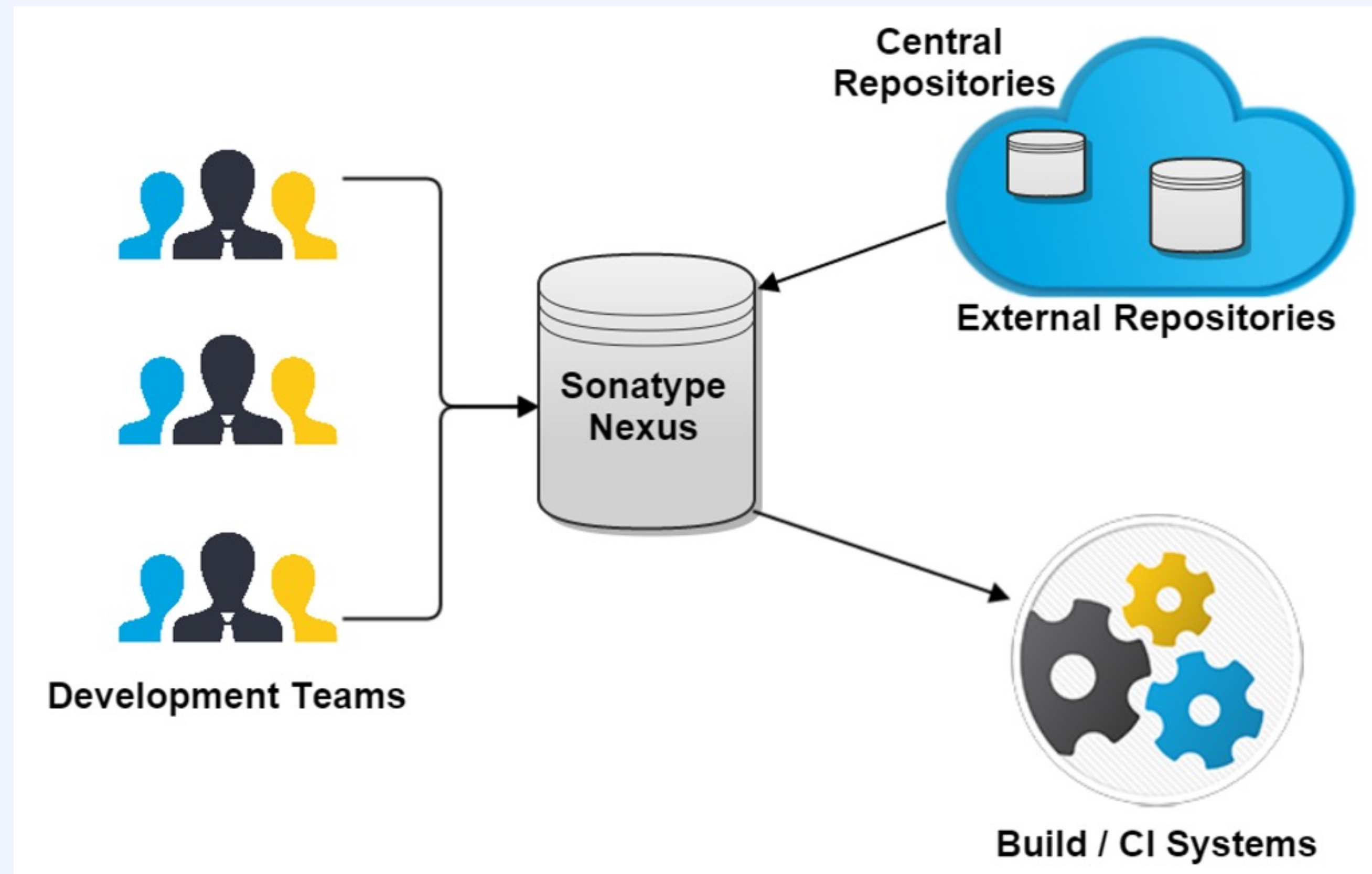
Artifact 관리를 위한 Nexus 활용

- Artifact 관리를 위한 Nexus 활용 소개
- Nexus 설치 및 AWS S3 연결
- Nexus Artifact 활용한 Docker 빌드

Nexus 소개

01

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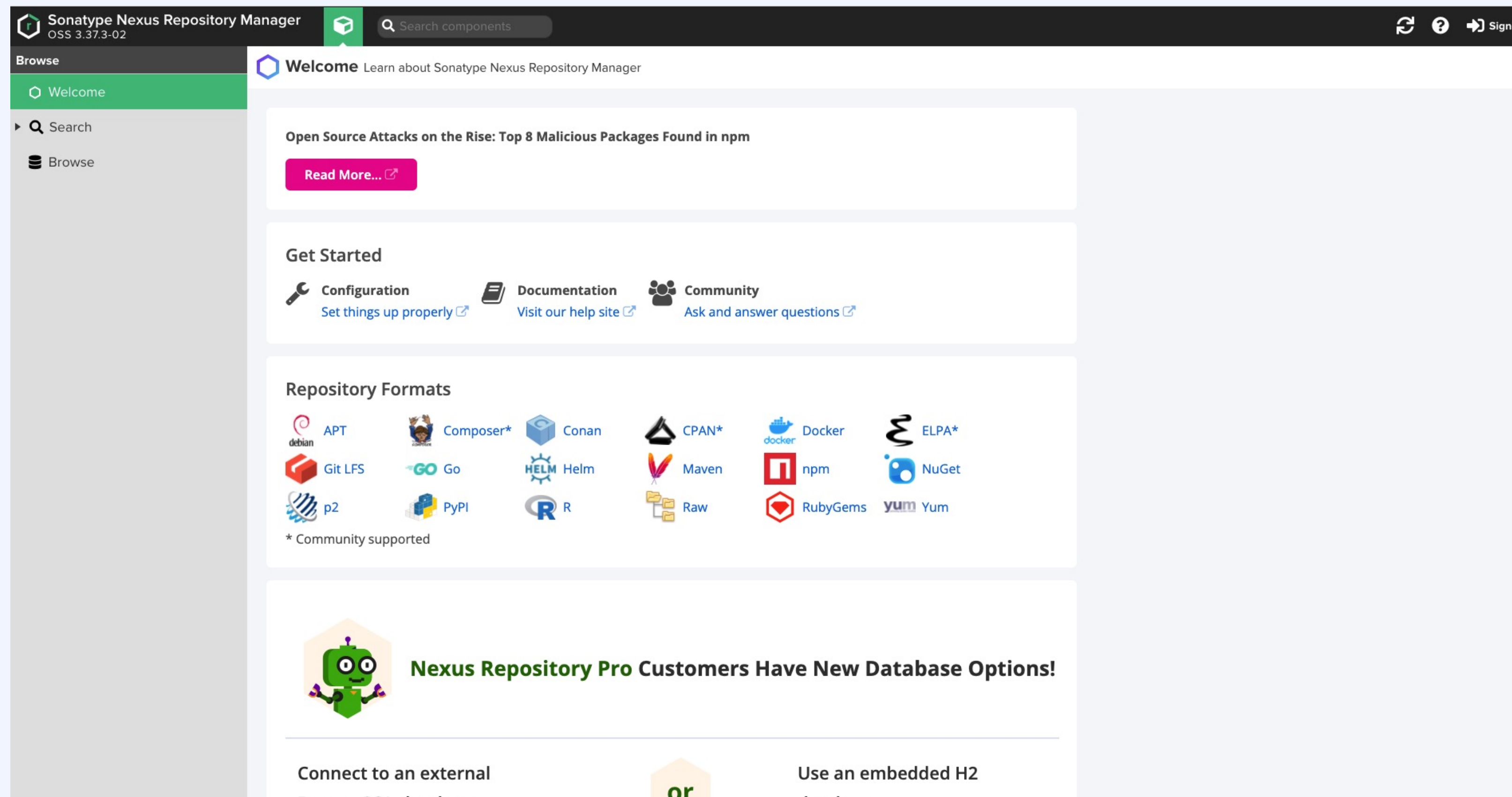


출처 : <https://cloudogu.com/en/blog/scm-manager-universe-tools-part-4-sonatype-nexus>

Nexus 장점

01

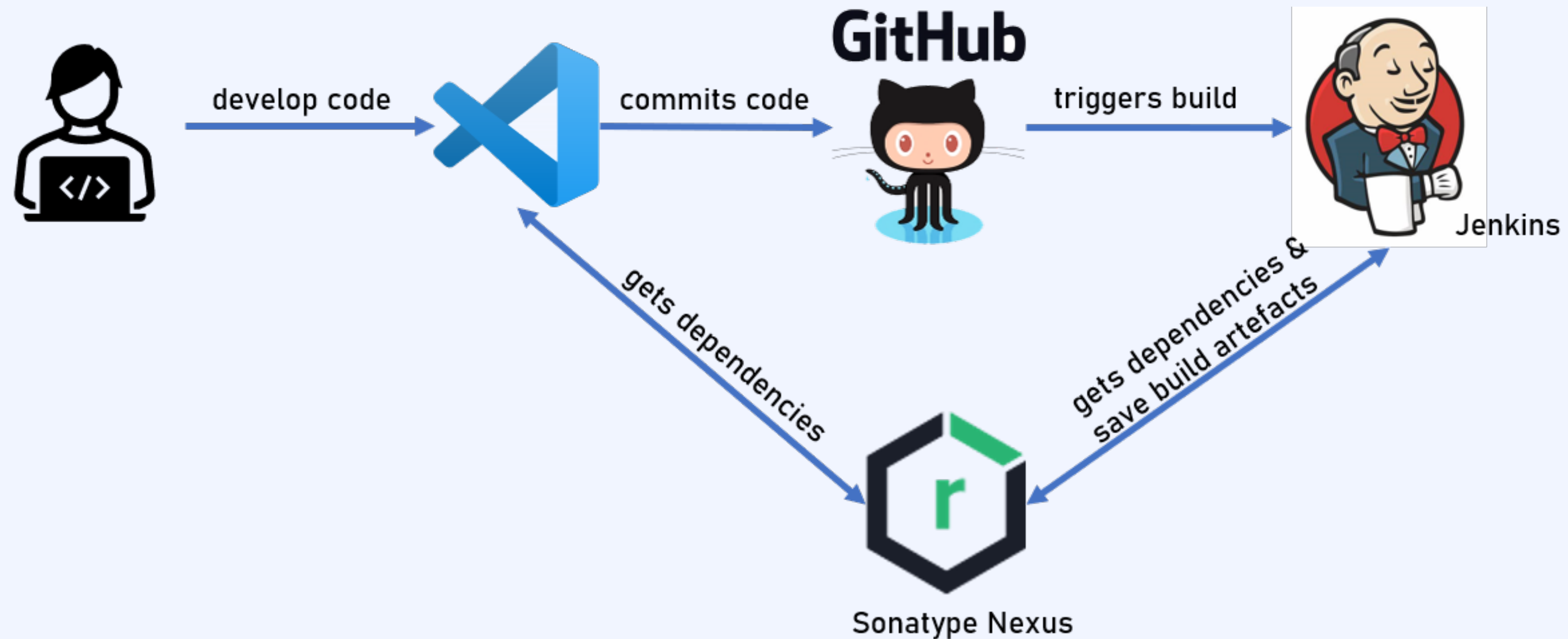
Artifact 관리를 위한
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Nexus 와 Jenkins CI와의 연동

01

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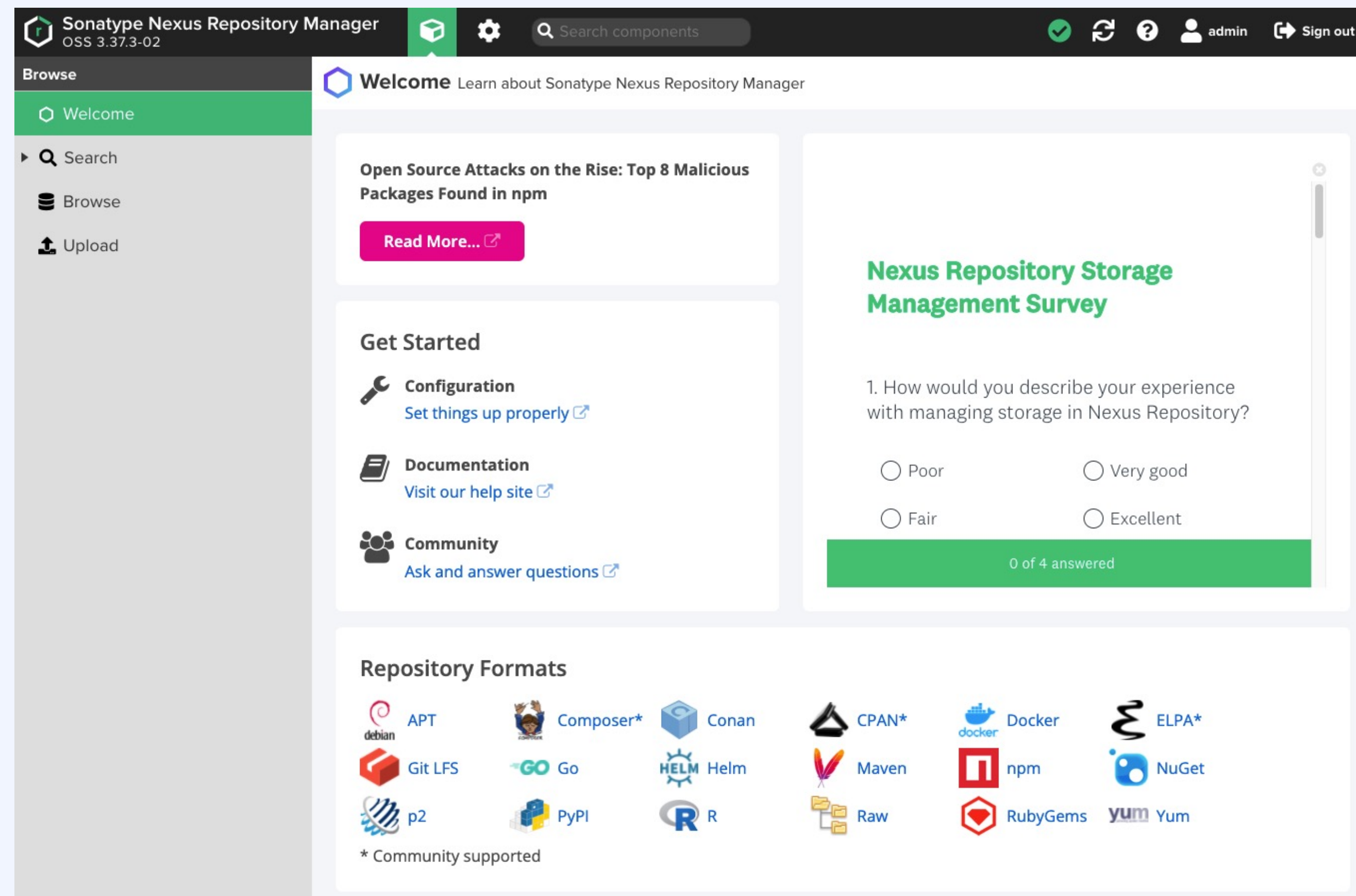


출처 : <https://gopopensource.com/set-up-ci-environment-using-github-jenkins-nexus-part-1-3437a991855d>

Nexus 기본 메뉴 소개

01

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Nexus 활용 소개



Nexus Blob Store 소개

01

Artifact 관리를 위한
Nexus 활용 소개

Sonatype Nexus Repository Manager
OSS 3.37.3-02

Search components

adminSign out

Administration

Repository

Blob Stores

Cleanup Policies

Content Selectors

Proprietary Repositories

Routing Rules

Security

Privileges

Roles

Users

Anonymous Access

LDAP

Realms

SSL Certificates

IQ Server

Support

System

Blob Stores

Create Blob Store

Configure local and cloud blob storage

Filter by name

NAME	TYPE	STATE	BLOB COUNT	TOTAL SIZE	AVAILABLE SPACE
default	File	Started	0	0.00 Bytes (0)	56.68 GB

What is a blob store?

The binary assets you download via proxy repositories, or publish to hosted repositories, are stored in the blob store attached to those repositories. In traditional, single node NXRM deployments, blob stores are typically associated with a local filesystem directory, usually within the sonatype-work directory. For more information, check [the documentation](#).


Sonatype will start to collect anonymous, non-sensitive usage metrics and performance information to shape the future of Nexus Repository. [Learn more](#) about the information we collect or [decline](#).

OK

Nexus Repository



01




Artifact 관리를 위한
Nexus 활용 소개



Sonatype Nexus Repository Manager

OSS 3.37.3-02





admin

Sign out

Administration

Repository

Repositories

Blob Stores

Cleanup Policies

Content Selectors

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Security

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Roles

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Realms

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IQ Server

Support

System





























Repositories


Manage repositories

Create repository

Filter

Name ↑	Type	Format	Status	URL	Health check	IQ Policy Vi...
 maven-central	proxy	maven2	Online - Ready to Connect	 copy	Analyze	
 maven-public	group	maven2	Online	 copy		
 maven-releases	hosted	maven2	Online	 copy		
 maven-snapshots	hosted	maven2	Online	 copy		
 nuget-group	group	nuget	Online	 copy		
 nuget-hosted	hosted	nuget	Online	 copy		
 nuget.org-proxy	proxy	nuget	Online - Ready to Connect	 copy	Analyze	

타입	설명
Snapshots	빌드 등 수시로 릴리즈 되는 아티팩트 리포지토리
Releases	정식 릴리즈를 통해서 배포되는 아티팩트 리포지토리
3rd Party	특정 밴더사에서 제공하는 아티팩트 리포지토리
Proxy Repository	Local Cache용
Virtual Repository	여러 리포지토리를 그룹화하여 하나의 리포지토리로 참조 가능



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8

Nexus Repository Type

01
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Nexus 활용 소개

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OSS 3.37.3-02

Search components

admin Sign out

Administration

Repository

Repositories

Blob Stores

Cleanup Policies

Content Selectors

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Routing Rules

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Roles

Users

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LDAP

Realms

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IQ Server

Support

System

Repositories / Select Recipe

Recipe ↑

apt (hosted)

apt (proxy)

bower (group)

bower (hosted)

bower (proxy)

cocoapods (proxy)

conan (proxy)

conda (proxy)

docker (group)

docker (hosted)

docker (proxy)

gitifs (hosted)

go (group)

go (proxy)

helm (hosted)

helm (proxy)

maven2 (group)

maven2 (hosted)

maven2 (proxy)

npm (group)

npm (hosted)

npm (proxy)

nuget (group)

nuget (hosted)

nuget (proxy)

p2 (proxy)

pypi (group)

pypi (hosted)

pypi (proxy)

r (group)

r (hosted)

r (proxy)

raw (group)

raw (hosted)

raw (proxy)


rubygems (group)

rubygems (hosted)

rubygems (proxy)

yum (group)

타입	기능
Proxy	외부망에 있는 리포지토리와 연동해 버전관리
Hosted	내부망 내 개발용으로 연동하는 리포지토리
Virtual	서로 다른 타입의 리포지토리를 연결
Group	위에 명시된 3개 타입을 그룹화



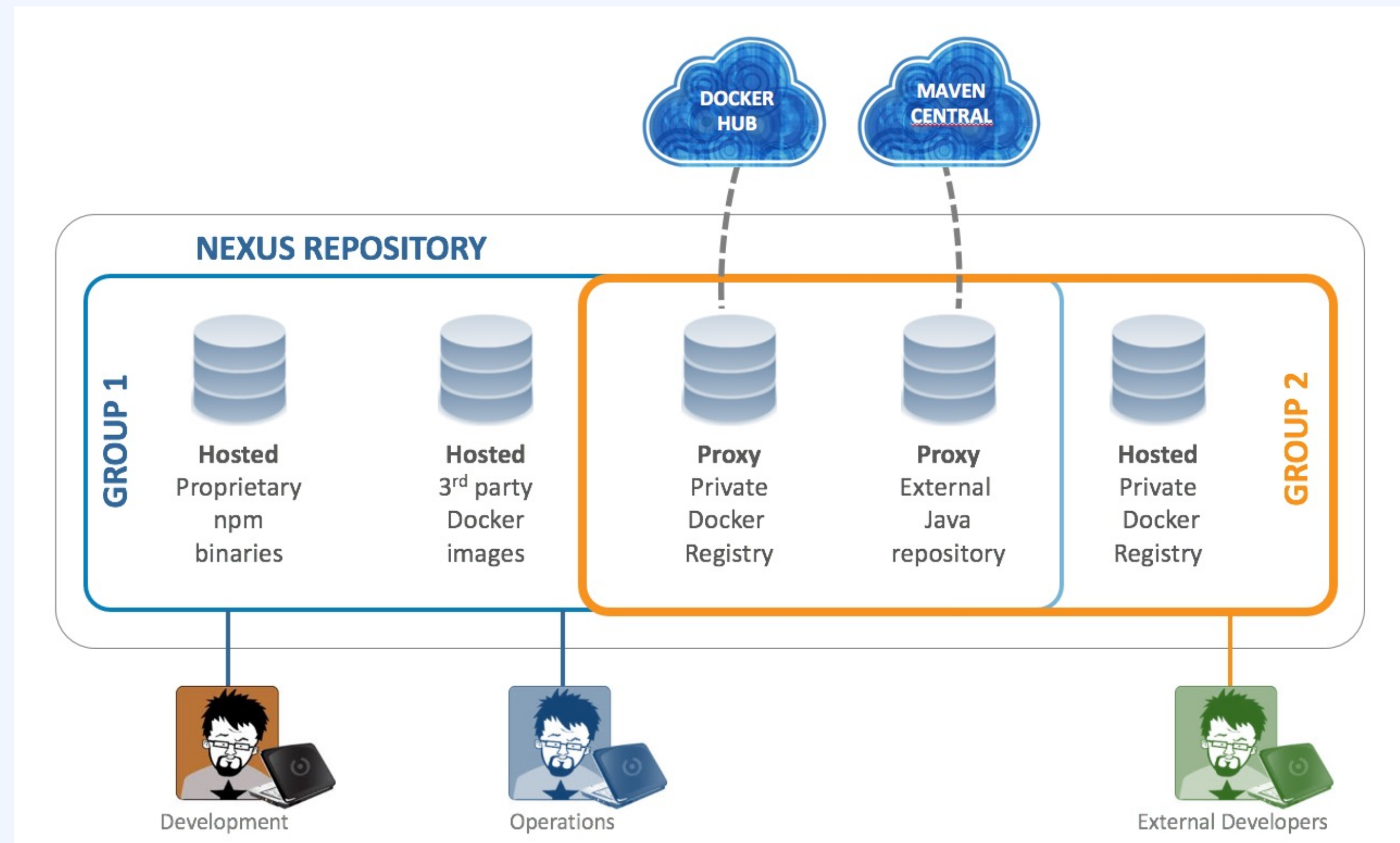
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Nexus Repository 구성 방식

01

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Nexus 활용 소개



출처 : <https://d2iq.com/blog/sonatype-nexus-3-launches-mesosphere-dcos>