



# Nexus Repository Manager



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# Components and Formats

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What do you know  
about components and  
formats ?

Type a few things...



Students, write your response!

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## ► What are Components?

- Components are the **building blocks** of the software.
- **Packages, libraries, containers** are examples of components.
- Open source components are available for use on the internet.
- Examples of component types:

Java byte code

C object files

XML,JS,HTML,CSS



## ► What are Formats?

- Formats are **ways of storing** components.
- Every tool has a **different format**.
- Examples of formats:

maven2, nuget, docker...





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## Repository Types

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What are some of the repository types?

Type a few things...



Students, write your response!

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# What are Repository Types?

- There are 3 repository types in Nexus:

Hosted, proxy and group repository.



maven2 (group)



maven2 (hosted)



maven2 (proxy)

## What do you know about proxy repositories?

Type a few things...

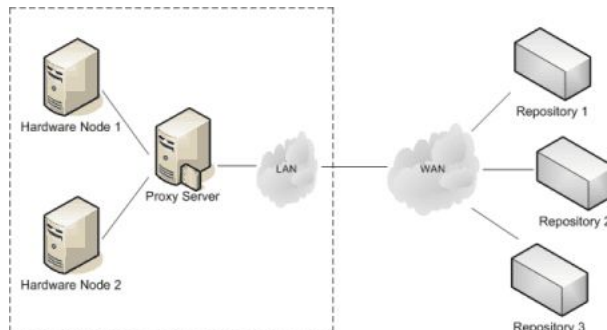


Students, write your response!



# Proxy Repository

- ▶ It is a **bridge** between the computer and remote repository.
- ▶ Components are **cached** in the proxy repository.
- ▶ **maven-central** and **nuget.org-proxy** are 2 built-in configured proxy repositories that come with Nexus Repository Manager.



## What do you know about hosted repositories?

Type a few things...



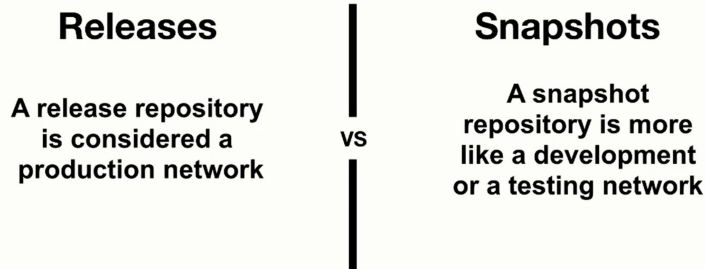
Students, write your response!



# ▶ Hosted Repository

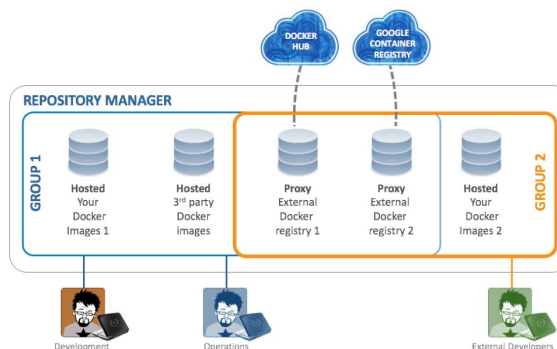
- ▶ It comes in handy when components are shared among different teams.
- ▶ Maven hosted repository consists of 2 separate repositories:

**Snapshot repository** and **release repository**.



# ▶ Group Repository

- ▶ It consists of **hosted**, **proxy** and other **group repositories**.
- ▶ Has its own **access point**.
- ▶ Both **remote** and **local** components can be accessed.





# THANKS!

## Any questions?

You can find me at:

- ▶ @Tyler - Instructor
- ▶ @David - Instructor

