

## Comparative study of plantuml and yuml

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### 1) plantuml

we can generate uml diagrams in plantuml by using its online server or locally installing it.

We can learn the syntax by using the online tool. Although, local installation may be the best solution for our project.

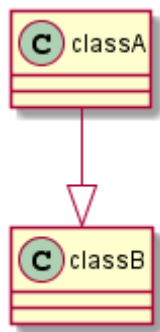
An additional installation of Graphviz software may be required for generating class diagrams. The code should always begin with '@startuml' and end with '@enduml' markups.

In between these markups the code for describing the classes goes.

for ex:

```
@startuml
ClassA-> ClassB
@enduml
```

which gives:



### 2) yuml

The yuml serves only online requests for free usage. Therefore, it doesn't require any local installation.

The source code should make an http connection to the yuml url

"<https://yuml.me/diagram/scruffy/class/>" appended with the string containing the code for class diagram generation. The yuml server responds with the corresponding class diagram image.

The syntax for the yuml is straightforward:

```
[classA]->[classB]
```

Which gives:

