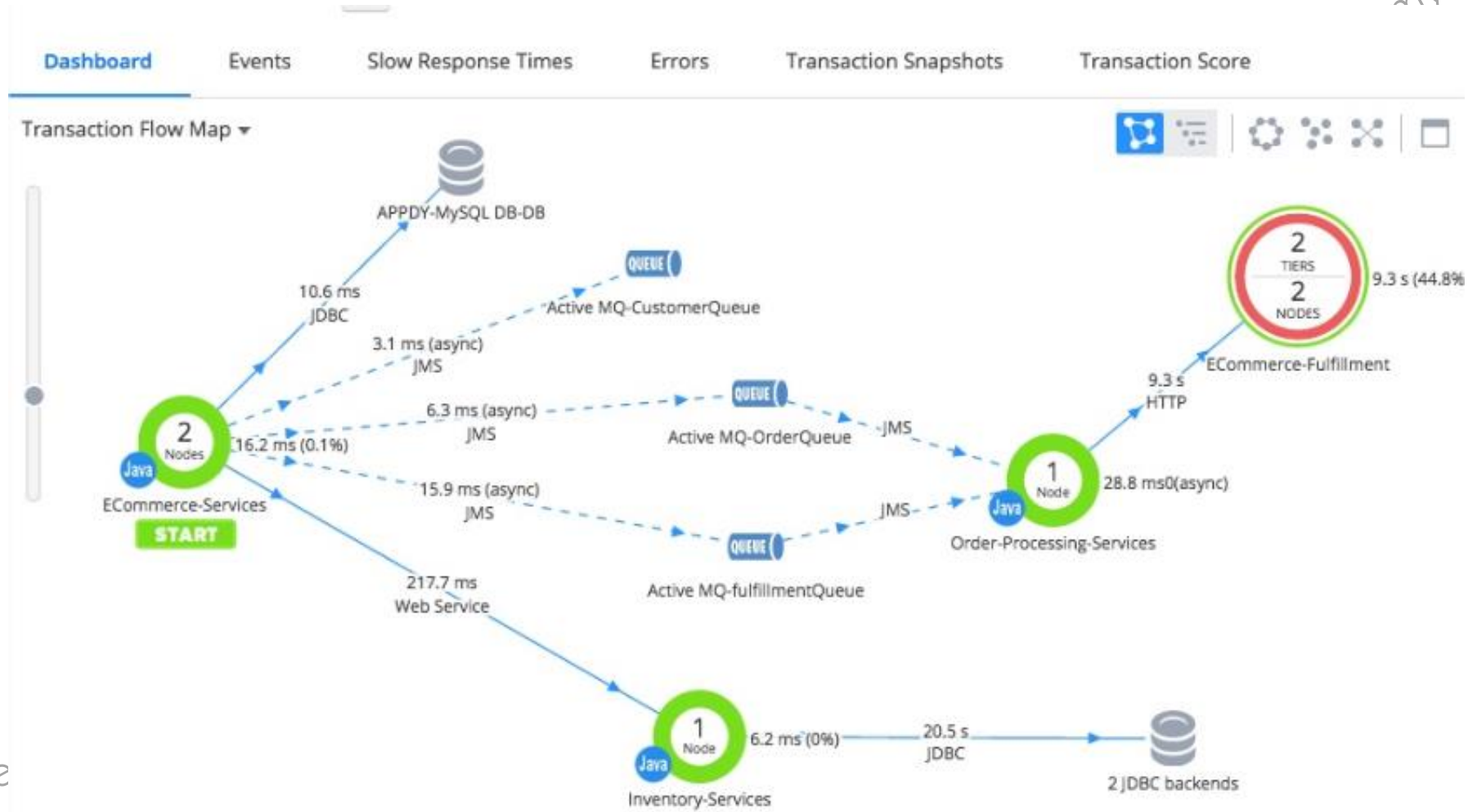# Instrumenting Java Application

AppDynamics Application Performance Management (APM)

Application, Tiers and Nodes Concept
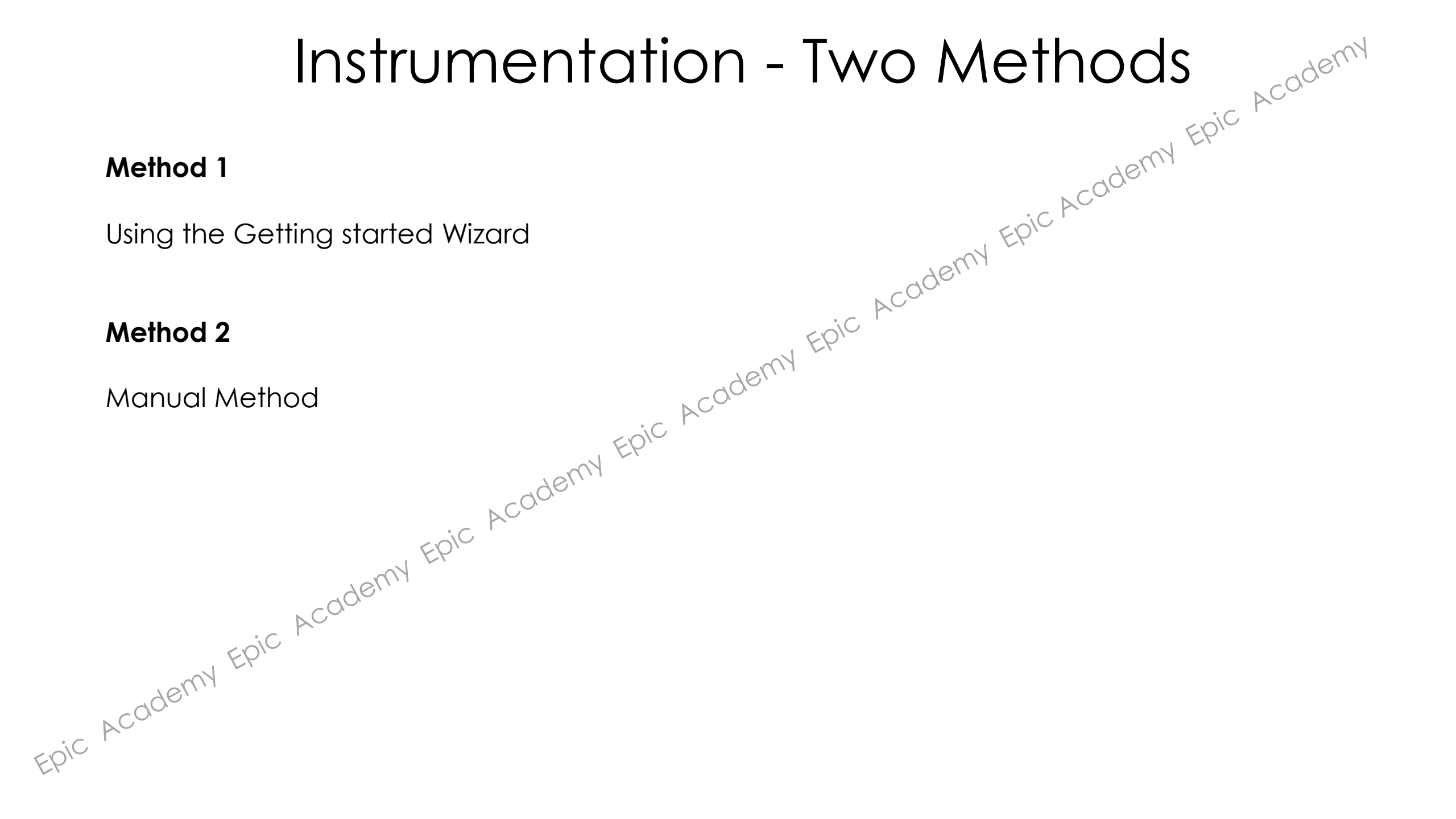
Instrumentation - Two Methods

Method 1

Using the Getting started Wizard

Method 2

Manual Method

Steps to begin Monitoring

Step 1: download the java agent from https://download.appdynamics.com

Step 2: Extract the downloaded zip file to any directory local to the application you want to monitor

Step 3: Edit the controller-info.xml file under *<agent_home>/<version_number>*/conf/

Step 4: Modify the application Java startup script with

  -javaagent:<agent_home>/javaagent.jar   ---- for Linux or Unix like operating system

  -javaagent:C:<agent_home>\javaagent.jar   ----- For Windows Operating System

  -javaagent:"c:\AppServerAgent\javaagent.jar"

Step 5: Restart the Application been monitored

Instrumentation Requirement

Monitoring Any application using AppDynamics requires a few parameters

Controller host ip address:
Controller Port:
Application Name:
Tier Name:
Node Name:
Account Name:
Account Access Key:`

https://docs.appdynamics.com/display/PRO45/Agent+Installation+by+Java+Framework

```xml
<controller-info>
    <controller-host>192.168.1.20</controller-host>
    <controller-port>8090</controller-port>
    <application-name>ACMEOnline</application-name>
    <tier-name>InventoryTier</tier-name>
    <node-name>Inventory1</node-name>
</controller-info>
```

The END