What is the purpose of the core module in AEM?

The purpose of the core module in AEM is for handling the backend logic and functionalities.It also helps us to separate logics from the frontend.

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What kind of files and code can be found in the core folder?

java class,OSGI services,servlets,unit test files.

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Explain the role of ui.apps in AEM projects.

It stores HTML template language . It shows how the content is displayed in the website.responsible for storing and managing the frontend and content structure .

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How are components structured in the ui.apps folder?

ui.apps/src/main/content/jcr\_root/apps/project-name/components

🡪Component Folder

🡪Component SubFoloder

🡪 HTML files.

🡪 CSS files.

🡪 JS files.

🡪 Sling Model files.

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**Hello World Component:**

* Where is the Hello World component located in both core and ui.apps?

CORE : C:\TECHMTRAINING\myTraining\myTraining\core\src\main\java\com\myTraining\core\models

Ui.apps :C:\TECHMTRAINING\myTraining\myTraining\ui.apps\src\main\content\jcr\_root\apps\myTraining\components\helloworld

* How does the HTL script work in ui.apps for Hello World?

This file in the ui.apps module for the Hello World component works to render

Front end output.

* How are properties and dialogs defined for this component?

Properties and Dialogs for the Hello World Component are defined by using XML

Files(POM.XML) and java annotations(@SERVELET).

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What are the different types of AEM modules (core, ui.apps, ui.content, etc.)?

Core module,ui.apps module,ui.content module.,ui.config model,ui.tests module

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How does Maven build these modules?

“mvn clean install” is one of the major commands to build those modules

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Explain the build lifecycle of Maven in the context of AEM.

Validate,compile,test,package,verify,install,deploy

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How are dependencies managed in pom.xml?

Dependency is consisted with the group ID , artifact ID and version.

These are written within the special tag i.e., <dependency></dependency> in the pom.XML file.

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Why is Maven used instead of other build tools?

It gives dependency management,Integration,Build automationand Standardization

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What advantages does Maven offer for AEM development?

It gives dependency management,Integration,Build automationand Standardization

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How does Maven help in managing dependencies and plugins in AEM projects?

Dependencies are declared in the pom.XML file under the special tag <dependencies>.Plugins are also declared in the pom.XML file under the <build> section.

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What does mvn clean install do in an AEM project?

It removes old build files .

It should also helps to clean build and prepare the AEM project.

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How to deploy packages directly to AEM using Maven commands?

1.Add content package Maven Plugin to the pom.XML

2.Configure the AEM server in the pom.XML

3.use the maven command mvn clean package -PautoInstallPackage.

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Explain the purpose of different Maven profiles in AEM (autoInstallPackage, autoInstallBundle).

It controls how the project is built and deployed based on different environments or requirements

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What is the purpose of dumplibs in AEM?

It is used to check clientlibs and their dependencies and shows how client libraries are merged and loaded

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How can you view client libraries using dumplibs?

By using the Dumplibs Servlet we can easily view the client libraries.

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Explain how client libraries are structured in AEM.

File Path of mytraining Projetct to know about the client libraries

C:\TECHMTRAINING\myTraining\myTraining\ui.apps\src\main\content\jcr\_root\apps\myTraining\clientlibs\clientlib-base

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