



# 1Z0-510<sup>Q&As</sup>

Oracle ATG Web Commerce 10 Implementation Developer Essentials

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### QUESTION 1

What is the primary mechanism used by ATG to record user site navigation activity on the profile?

- A. a combination of a DMS event and listening scenario that can update the profile directly
- B. setting property data directly on the user's profile using the tag
- C. Implicit. ATG monitors all activities and keeps track of all user activity.
- D. There is no out-of-the-box behavior for this. It must be built out by the implemented

Correct Answer: C

With Oracle ATG Web Commerce Business Intelligence, you can monitor, report, and analyze complete cross-process, cross-functional trends and business metrics by combining data from all e-business systems into a single, centralized reporting center.

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### QUESTION 2

Which three can be used to create valid Nucleus components?

- A. any java class
- B. any Java class with a public constructor
- C. any JavaBean
- D. a Java class implementing GenericService
- E. a singleton with a private constructor and a getInstance() public method

Correct Answer: BCD

Nucleus: Organizing JavaBean Components

Nucleus is Oracle ATG Web Commerce's component model for building applications from JavaBeans.

Nucleus lets you assemble applications through simple configuration files that specify what components are used by the application, what parameters are used to initialize those components, and how those components hook up to each other.

Nucleus by itself provides no application-specific functions. The JavaBean components implement all of an application's functionality. Nucleus is the mechanism that gives those components a place to live, and a way for those components to

find each other.

Note: Event Sources

Your class can be a source for JavaBeans events by following the patterns outlined in the JavaBeans specifications (see Events and Event Listeners in the Core ATG Services chapter). If your class fires events, Nucleus properties files can



be used to configure the listeners for those events.

D: However, these classes should implement certain interfaces that give components access to a number of Nucleus capabilities, such as automatic creation, configuration, and notifications.

The easiest way to implement these interfaces is to subclass `atg.nucleus.GenericService`, which implements all interfaces described in the following sections. However, your class might already extend some other class, thereby preventing you from extending `GenericService`. In this case, your class must implement the necessary interfaces.

Note: Your class does not need to implement all interfaces that `GenericService` implements, only the ones with the functionality required.

E: Any Java object with an empty constructor can act as a component in Nucleus.

Note: Java has several design patterns Singleton Pattern being the most commonly used. Java Singleton pattern belongs to the family of design patterns, that govern the instantiation process. This design pattern proposes that at any time there can only be one instance of a singleton (object) created by the JVM.

The class's default constructor is made private, which prevents the direct instantiation of the object by others (Other Classes). A static modifier is applied to the instance method that returns the object as it then makes this method a class level method that can be accessed without creating an object.

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### QUESTION 3

When would you use the `QueryOptions` class?

- A. to get database-specific hints for query optimization
- B. to limit the size of the result set, direct how the result set should be sorted, and pre cache specified properties
- C. for optimization, providing values to parameterized queries, and database hints
- D. No such class exists.

Correct Answer: B

The `QueryOptions` properties let you limit the size of the result set, direct how the result set should be sorted, and precache specified properties.

You can use the `atg.repository.QueryOptions` class to specify ways that a query can be modified. You can set the `QueryOptions` properties, and pass the `QueryOptions` bean to the following `executeQuery` method:

```
RepositoryItem[] executeQuery(Query pQuery, QueryOptions pQueryOptions);
```

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### QUESTION 4

Which two ASE tasks can be performed from the ACC but not the BCC?

- A. creating a custom product catalog
- B. creating targeters
- C. creating scenarios



D. creating slots

E. creating products and SKUs

Correct Answer: CD

Scenarios, slots, and workflows are not managed through the ATG Business Control Center (BCC). To create and edit these items, use the ATG Control Center (ACC)

D: You can create slot components in two ways:

By manually creating a .properties file

Through the slot wizard in the ACC.

Note ACC: ATG Control Center.

Note BCC: The ATG Business Control Center is a browser-based interface that you use to create and edit many of the elements required to set up and maintain an ATG-based Web site

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## QUESTION 5

Which Form Handler and Droplet are used to approve or reject an order that is in PENDING\_ APPROVAL state?

A. CommitOrderFormHandler, ApprovalRequiredDroplet

B. ApprovalFormHandler, ApprovalRequiredDroplet

C. ApprovalSubFormHandler, ApprovalRequiredDroplet

D. CommitOrderFormHandler, ProcessApprovalDroplet

Correct Answer: B

\*

Order Approval Form Handler

The OrderApprovalFormHandler (the atg.commerce.csr.approvals.order class) generates the order approval within the UI and extends the EnvironmentChangeFormHandler. This form handler provides handlers for both approving, handleApprove, and rejecting, handleReject, an approval request. It also contains e-mail templates for approvals and rejections.

\*

The ApprovalRequiredDroplet servlet bean supports the order approval process by retrieving all orders requiring approval by a given approver. It queries the order repository and returns all orders that meet the wing two criteria:

The order's authorizedApproverIds property contains the approver's ID.

The state of the order requires approval, meaning that the state is defined in the ApprovalRequiredDropletorderStatesRequiringApproval property. The order's state is held by the property of the order that is specified in the

ApprovalRequireDropletorderStatePropertyName property.



The default value is PENDING\_APPROVAL.

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