

# Guidewire Developer Fundamentals Practice Exam (Sample)

## Study Guide



**Everything you need from our exam experts!**

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# Table of Contents

|                                    |           |
|------------------------------------|-----------|
| <b>Copyright</b> .....             | <b>1</b>  |
| <b>Table of Contents</b> .....     | <b>2</b>  |
| <b>Introduction</b> .....          | <b>3</b>  |
| <b>How to Use This Guide</b> ..... | <b>4</b>  |
| <b>Questions</b> .....             | <b>5</b>  |
| <b>Answers</b> .....               | <b>8</b>  |
| <b>Explanations</b> .....          | <b>10</b> |
| <b>Next Steps</b> .....            | <b>16</b> |

SAMPLE

# Introduction

Preparing for a certification exam can feel overwhelming, but with the right tools, it becomes an opportunity to build confidence, sharpen your skills, and move one step closer to your goals. At Examzify, we believe that effective exam preparation isn't just about memorization, it's about understanding the material, identifying knowledge gaps, and building the test-taking strategies that lead to success.

This guide was designed to help you do exactly that.

Whether you're preparing for a licensing exam, professional certification, or entry-level qualification, this book offers structured practice to reinforce key concepts. You'll find a wide range of multiple-choice questions, each followed by clear explanations to help you understand not just the right answer, but why it's correct.

The content in this guide is based on real-world exam objectives and aligned with the types of questions and topics commonly found on official tests. It's ideal for learners who want to:

- Practice answering questions under realistic conditions,
- Improve accuracy and speed,
- Review explanations to strengthen weak areas, and
- Approach the exam with greater confidence.

We recommend using this book not as a stand-alone study tool, but alongside other resources like flashcards, textbooks, or hands-on training. For best results, we recommend working through each question, reflecting on the explanation provided, and revisiting the topics that challenge you most.

**Remember:** successful test preparation isn't about getting every question right the first time, it's about learning from your mistakes and improving over time. Stay focused, trust the process, and know that every page you turn brings you closer to success.

Let's begin.

# How to Use This Guide

**This guide is designed to help you study more effectively and approach your exam with confidence. Whether you're reviewing for the first time or doing a final refresh, here's how to get the most out of your Examzify study guide:**

## **1. Start with a Diagnostic Review**

**Skim through the questions to get a sense of what you know and what you need to focus on. Your goal is to identify knowledge gaps early.**

## **2. Study in Short, Focused Sessions**

**Break your study time into manageable blocks (e.g. 30 - 45 minutes). Review a handful of questions, reflect on the explanations.**

## **3. Learn from the Explanations**

**After answering a question, always read the explanation, even if you got it right. It reinforces key points, corrects misunderstandings, and teaches subtle distinctions between similar answers.**

## **4. Track Your Progress**

**Use bookmarks or notes (if reading digitally) to mark difficult questions. Revisit these regularly and track improvements over time.**

## **5. Simulate the Real Exam**

**Once you're comfortable, try taking a full set of questions without pausing. Set a timer and simulate test-day conditions to build confidence and time management skills.**

## **6. Repeat and Review**

**Don't just study once, repetition builds retention. Re-attempt questions after a few days and revisit explanations to reinforce learning. Pair this guide with other Examzify tools like flashcards, and digital practice tests to strengthen your preparation across formats.**

**There's no single right way to study, but consistent, thoughtful effort always wins. Use this guide flexibly, adapt the tips above to fit your pace and learning style. You've got this!**

## Questions

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- 1. What criteria can be specified in a query object? Choose two.**
  - A. What restrictions to apply.**
  - B. How to sort the results.**
  - C. Which entity to query.**
  - D. What format to return data in.**
  
- 2. What is an example of data NOT typically archived in archiving processes?**
  - A. Cross-parent data**
  - B. Admin data**
  - C. Reference data**
  - D. Transaction logs**
  
- 3. What must a new Validation Gosu Rule accomplish for a Doctor entity?**
  - A. Check UI input only**
  - B. Ensure license expiration is validated in both UI and API**
  - C. Log the validation error only**
  - D. Require administrative access to validate**
  
- 4. If you created a tag myTag, which snippet correctly adds a new Frame to the Stack?**
  - A. `var myTag = Profiler.push(myVar)`**
  - B. `var myFrame = Profiler.addFrame(myTag)`**
  - C. `var myVar = Profiler.push(myTag)`**
  - D. `var newFrame = Profiler.create(myTag)`**
  
- 5. Which two steps must be completed to extend an OOTB AccountType typelist that does not have any extension files?**
  - A. Create the AccountType.ttx**
  - B. Verify that the typelist's final property is set to true**
  - C. Set the default value for the AccountType in the database**
  - D. Ensure the AccountType is public**

- 6. In the PCF editor, what does a gray shaded container widget represent?**
- A. The container is defined directly in that PCF file.**
  - B. The container is inherited from another file.**
  - C. The container cannot be edited.**
  - D. The container is a placeholder only.**
- 7. Which of the following can be used to optimize queries in Guidewire?**
- A. Shallow Queries**
  - B. Count Operations**
  - C. Deep Queries**
  - D. Efficient Data Structures**
- 8. How is the DEBUG logging level most commonly used?**
- A. To capture error events during the user experience**
  - B. To provide information for performance tuning**
  - C. To log method entry and exit**
  - D. To diagnose problems in the code if it fails to perform as expected**
- 9. When utilizing validation expressions, what should developers keep in mind?**
- A. They only trigger on form submission**
  - B. They should be placed at the beginning of a script**
  - C. They validate content on widget updates only**
  - D. They are automatically saved with the form**
- 10. Which two statements about Competency Assurance are true?**
- A. It is a voluntary learning program**
  - B. It is a structured education and certification program**
  - C. It is required for Cloud implementations**
  - D. Both B and C**

## Answers

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1. A
2. D
3. B
4. C
5. A
6. A
7. B
8. D
9. C
10. D

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## **Explanations**

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**1. What criteria can be specified in a query object? Choose two.**

- A. What restrictions to apply.**
- B. How to sort the results.**
- C. Which entity to query.**
- D. What format to return data in.**

In a query object, specific criteria that can be set dictate how the data is retrieved and presented. One of the key criteria is the ability to apply restrictions, which helps narrow down the results to only those that meet certain conditions. This is critical for performance optimization, as it reduces the amount of data being processed and returned, ensuring that the user receives only the relevant records. Another important criterion in a query is the capability to determine how results are sorted. Sorting the retrieved data allows for better organization and readability, enabling users to analyze the information more effectively. Sorting can be done based on various attributes of the data, providing flexibility in how results are displayed. While selecting which entity to query is foundational to the function of the query object, it is not typically viewed as a parameter specified within the query object itself, but rather as part of the overall design of the query. On the other hand, defining the format in which data is returned pertains more to the presentation layer rather than the query object parameters, thus not fitting within the criteria specification directly.

**2. What is an example of data NOT typically archived in archiving processes?**

- A. Cross-parent data**
- B. Admin data**
- C. Reference data**
- D. Transaction logs**

In the context of data archiving processes, transaction logs are not typically archived due to their dynamic and operational nature. Transaction logs serve as records of ongoing activity within a system, capturing every transaction that takes place in real-time. They are critical for providing a detailed history of changes and are primarily used for recovery and auditing purposes rather than for long-term data storage. Archiving focuses on preserving data that is no longer actively used but must be retained for compliance, historical reference, or other purposes. The other categories of data mentioned—cross-parent data, admin data, and reference data—tend to be static or semi-static and are often archived to reduce active database load while ensuring that important information is kept accessible if needed in the future. In summary, transaction logs are essential for live system operation and data recovery but are generally not suitable for archiving because they do not fit the typical characteristics of data that is retained long-term in an archived state.

**3. What must a new Validation Gosu Rule accomplish for a Doctor entity?**

**A. Check UI input only**

**B. Ensure license expiration is validated in both UI and API**

**C. Log the validation error only**

**D. Require administrative access to validate**

The correct choice emphasizes the importance of validating license expiration in both the user interface and the application programming interface (API). This dual validation is essential because it guarantees data integrity across different access points to the system. User inputs can often be manipulated or bypassed in the UI, so validating the same data through the API helps ensure that the application maintains consistent rules and prevents unauthorized or incorrect data changes from occurring. By implementing this validation rule, the system protects itself against errors or malicious inputs and ensures that all necessary checks are performed regardless of how the data was submitted. This comprehensive approach is particularly critical in environments where regulatory compliance is necessary, such as for healthcare-related entities like a Doctor, where license verification can impact legal and operational aspects. For this reason, performing validation in both contexts enhances the robustness and reliability of the application.

**4. If you created a tag myTag, which snippet correctly adds a new Frame to the Stack?**

**A. var myTag = Profiler.push(myVar)**

**B. var myFrame = Profiler.addFrame(myTag)**

**C. var myVar = Profiler.push(myTag)**

**D. var newFrame = Profiler.create(myTag)**

To add a new Frame to the Stack using the tag `myTag`, the statement that uses `Profiler.push(myTag)` is correct because it is designed to push the specified tag onto the call stack, effectively creating a new frame for the current operation or context associated with that tag. In this instance, `Profiler.push(myTag)` takes `myTag` as its argument, meaning it directly associates the action being monitored with the tag you've created. The function is intended to maintain a hierarchy of calls, allowing for tracking of performance or debugging information related to `myTag`. Other options describe different methods or functionalities that do not align with the goal of establishing a new frame in the Profiler stack. Some may seem logical but serve different purposes, leading them away from the task of creating a frame directly associated with the tag. This understanding of how `Profiler.push()` operates provides clarity on the correct answer for effectively managing profiling in the Guidewire system.

**5. Which two steps must be completed to extend an OOTB AccountType typelist that does not have any extension files?**

- A. Create the AccountType.ttx**
- B. Verify that the typelist's final property is set to true**
- C. Set the default value for the AccountType in the database**
- D. Ensure the AccountType is public**

To extend an out-of-the-box (OOTB) AccountType typelist that does not have any extension files, creating the AccountType.ttx file is essential. This file serves as a custom extension for the typelist, allowing you to include additional values or modify its characteristics. Without this TTX file, there would be no mechanism to add custom entries or modifications to the existing typelist, which is the primary purpose of an extension in Guidewire. Understanding the rest of the steps provides context for why they may not be necessary or applicable in this scenario. While verifying that the typelist's final property is set to true might be relevant in certain contexts, the requirement to extend would not depend on this attribute if no extension files exist. Setting a default value for the AccountType in the database could be relevant in other contexts but does not directly relate to extending a typelist. Lastly, ensuring that the AccountType is public pertains to visibility and access but does not directly impact the ability to extend the typelist itself. Thus, the creation of the AccountType.ttx file is the critical first step required for the extension process.

**6. In the PCF editor, what does a gray shaded container widget represent?**

- A. The container is defined directly in that PCF file.**
- B. The container is inherited from another file.**
- C. The container cannot be edited.**
- D. The container is a placeholder only.**

A gray shaded container widget in the PCF (Page Configuration File) editor indicates that the container is inherited from another file. In Guidewire's architecture, this visual cue helps distinguish between components that have been defined directly in the current PCF file and those that are inherited from external configurations. When a container is shaded gray, it implies that modifications cannot be made directly to that particular container within the PCF file you're currently working on. Instead, any customization or change would need to occur in the parent file from which this container is inherited. This design promotes reusability and modular development, allowing developers to create uniform layouts and functionalities across various parts of the application without duplication of code. Understanding this visual representation is crucial, as it helps developers navigate through configurations more efficiently and avoid attempts to edit elements that are not intended to be altered at their current level. This organization aids in maintaining the structure and integrity of the application's configuration files.

## 7. Which of the following can be used to optimize queries in Guidewire?

- A. Shallow Queries
- B. Count Operations**
- C. Deep Queries
- D. Efficient Data Structures

The use of count operations in Guidewire can significantly optimize queries by allowing developers to obtain the number of records that meet specific criteria without the need to retrieve all individual records. This is especially useful when the primary goal is to assess the volume of data rather than to view the data itself. By leveraging count operations, unnecessary data retrieval is avoided, which not only enhances performance but also reduces database load and memory consumption. In situations where the application requires just insights into data sizes or trends, count operations are a more efficient choice compared to executing full queries that return complete data sets. This approach helps in faster execution times and better overall resource management within the application, making it a preferred optimization strategy in Guidewire. Other methods, while relevant in a broader sense, do not directly contribute to query optimization in the same manner. For example, shallow queries are intended to minimize the depth of data retrieval but may still bring back more data than necessary. Deep queries, on the other hand, involve retrieving more extensive data sets, which does not optimize the process. Efficient data structures, while critical for overall data management and performance, do not specifically focus on the query optimization context as count operations do.

## 8. How is the DEBUG logging level most commonly used?

- A. To capture error events during the user experience
- B. To provide information for performance tuning
- C. To log method entry and exit
- D. To diagnose problems in the code if it fails to perform as expected**

The DEBUG logging level is primarily used to diagnose problems in the code when it fails to perform as expected. It provides developers with detailed insights about the application's internal workings and the flow of execution, allowing them to identify what may have gone wrong during runtime. When DEBUG level logging is enabled, it often includes verbose output about variable values, method calls, and other contextual information that can assist in pinpointing issues. This level of detail is particularly useful during the development and testing phases, as it allows developers to trace the execution path of the application and understand the state of the application at various points in time. In contrast, while capturing error events during the user experience and providing information for performance tuning are important tasks, they typically fall under higher logging levels such as ERROR or INFO. Logging method entry and exit is also useful but is more commonly associated with tracing or profiling, rather than the broader diagnostic capability that DEBUG logging serves. Thus, using DEBUG effectively aids in resolving issues and ensuring the application operates as intended.

**9. When utilizing validation expressions, what should developers keep in mind?**

- A. They only trigger on form submission**
- B. They should be placed at the beginning of a script**
- C. They validate content on widget updates only**
- D. They are automatically saved with the form**

When considering validation expressions in the context of Guidewire development, it's crucial to understand their primary function, which is to ensure that the data being input meets specified criteria. Validation expressions are designed to provide real-time feedback and validation as users interact with the form, particularly during widget updates. This means they validate content immediately as changes are made to fields, rather than waiting for the entire form to be submitted. This real-time validation enhances user experience by allowing immediate correction of inputs, ensuring that data integrity is maintained before submission. The ability to validate during updates means developers can implement more responsive and user-friendly interfaces, reducing the chances of submission errors and improving overall data quality. In contrast to the correct understanding that validation occurs during widget updates, it's important to note that the other options present various misconceptions about the functionality of validation expressions. For example, some might think these expressions only trigger on form submission, which overlooks the flexibility of providing immediate feedback as the user types or modifies input. Similarly, placing them at the beginning of a script does not align with the timing of their execution, and assuming they are automatically saved with the form disregards the specific conditions under which they are evaluated. Understanding these nuances allows developers to effectively leverage validation expressions within their applications.

**10. Which two statements about Competency Assurance are true?**

- A. It is a voluntary learning program**
- B. It is a structured education and certification program**
- C. It is required for Cloud implementations**
- D. Both B and C**

Competency Assurance is an important aspect of ensuring that developers possess the necessary skills and knowledge to effectively work within the Guidewire ecosystem. The correct answer highlights that Competency Assurance involves a structured education and certification program, which is crucial for maintaining high standards among those developing or implementing Guidewire solutions. This structured approach ensures consistent training and evaluation, allowing developers to demonstrate their competencies in specific areas. In addition, Competency Assurance being required for Cloud implementations reflects the necessity for developers to have a certain level of expertise and understanding when working within the Cloud framework. This requirement helps ensure that implementations are executed seamlessly and in accordance with best practices, which is particularly important given the complexities associated with cloud environments. While the other statements mention a voluntary learning program, this does not align with the structured nature of Competency Assurance that is necessary for certification and successful cloud implementations. The emphasis on formal training and the requirement for specific implementations underscores the rigor and commitment to quality that Competency Assurance aims to uphold within the Guidewire framework.

## Next Steps

**Congratulations on reaching the final section of this guide. You've taken a meaningful step toward passing your certification exam and advancing your career.**

**As you continue preparing, remember that consistent practice, review, and self-reflection are key to success. Make time to revisit difficult topics, simulate exam conditions, and track your progress along the way.**

**If you need help, have suggestions, or want to share feedback, we'd love to hear from you. Reach out to our team at [hello@examzify.com](mailto:hello@examzify.com).**

**Or visit your dedicated course page for more study tools and resources:**

**<https://guidewiredevfund.examzify.com>**

**We wish you the very best on your exam journey. You've got this!**

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