



Becoming an iRise Certified Modeler™

The **iRise Certified Modeler** certification is designed to distinguish individuals with significant knowledge, skills and experience in using a particular version of iRise. The certification is achieved by successfully completing a 75-question online exam that tests candidates' knowledge of iRise and its use on projects. This exam, comprised mostly of multiple choice questions, covers a broad range of topics primarily related to the modeling of software requirements in iRise Studio.

It is assumed that candidates have a thorough knowledge of iRise Studio, as well as the entire modeling process from scenario definition through simulation and review of functional requirements. The candidate should be familiar with such essential modeling tasks as configuring page navigation and user interactions (including drag-and-drop), setting up dynamic displays, creating and applying styles, building and leveraging masters and templates, setting up basic data flow using the Clipboard, displaying and manipulating data stored in a datasheet, managing reviewer feedback, and writing requirements in Document View.

Upon registering, you will have 30 days to complete the one-hour exam at a time and place of your choosing.

General Preparation

As a candidate for the **iRise Certified Modeler** exam, we recommend that you have used iRise on a mentored project and have attended the *iRise Basic Training* course.

Grading

Since the **iRise Certified Modeler** exam is delivered online, you will receive your results immediately after you submit the exam for scoring. You will not be able to review the exam questions after receiving your score. A minimum score of 70% (53 questions correct out of 75 possible) is required to pass the exam.

What to Study

A solid understanding of the following topics will greatly increase your chances of passing the exam. Although we provide a list of available resources in a later section of this guide, keep in mind that the necessary level of familiarity with these topics can really only be gained by using iRise on projects, ideally in combination with formal training and/or mentoring from iRise staff.

Below the list of topics are some sample questions drawn from the **iRise Certified Modeler** exam. These questions will help you gauge your preparedness for the exam, and give you a preview of the exam content so you know what to expect.

- Creating, organizing and managing iRise projects
- Identifying the names and locations of key components in the Studio modeling environment
- Defining scenarios



- Laying out a page using standard page widgets
- Setting up page navigation
- Creating dynamic displays using alternate views
- Setting up Rules based on user input or data to control simulation elements such as dynamic displays and navigation
- Building and using templates and masters
- Creating and editing styles
- Using common page actions such as Show/Hide Widgets, Switch Views and Edit User Inputs
- Creating/updating datasheets
- Building forms and capturing form data
- Visualizing data flow using the Clipboard and Record widgets
- Displaying data dynamically using common methods such as Data Tables, Tile Lists and dynamic Text widgets
- Writing requirements using Document Text
- Exporting iDocs and other project deliverables
- Gathering feedback and guiding simulation reviewers

Sample Questions – iRise Certified Modeler Exam

(Answers appear below)

1. The Formatting Panel allows a user to perform which TWO of the following actions?
 - A. Control table cell padding
 - B. Define widget dimensions
 - C. Access the Style Manager
 - D. Insert a background image
2. Ideally, stakeholder reviews of iRise projects are conducted in a live meeting. Which one of the following is NOT a benefit of conducting live stakeholder reviews of iRise projects?
 - A. Changes can be made on-the-fly during the review session to facilitate more rapid iterations.
 - B. Preparing for the review ahead of time is unnecessary.
 - C. The modeler can guide the simulation review, asking questions to ensure the right feedback is gathered.
 - D. Consensus can be reached and decisions made more quickly.



3. What does a row in a datasheet represent?
- A. A data array
 - B. A data value
 - C. A data record
 - D. A data field
4. One of your requirements for designing a header master is that an animated GIF should replace the corporate logo when the user's mouse cursor is over the logo. Assuming you have been supplied with both images, which one of the following is the most efficient approach for modeling this requirement?
- A. Create a dynamic display with two alternate views, each containing one of the two images. Use Switch Views actions invoked by On Mouse Enter and On Mouse Leave triggers to swap out the images.
 - B. Layer two Image widgets, each containing one of the two images, directly on top of each other. Use Show/Hide widget actions invoked by On Mouse Enter and On Mouse Leave triggers to control the visibility of the image on top.
 - C. Since animated GIFs cannot be included in iRise simulations, none of these approaches could be used to model the requirement effectively.
 - D. Add an Image widget to the master that contains the static logo as the default image, and the animated GIF as the Hover image.

Answer Key

1. A and D, 2. B, 3. C, 4. D

Hints/Tips for the Online Exam

- Take advantage of the fact that you can take the exam at a time and place of your choosing, and make sure that you have a reliable Internet connection and will not be disturbed for the duration of the exam.
- Familiarize yourself with the testing environment UI before you begin answering questions. You should see the time elapsed and a help icon at the top of the screen. If you are using Internet Explorer 7 or 8, you will see exam navigation controls at the bottom of the screen, including a question navigator and a button that will allow you to flag questions for follow-up.
- Read each question carefully, including all answer choices, before selecting your answer(s). As indicated in the samples above, some questions will take more time to digest than others, and some questions include important cues such as “NOT” and “which TWO” that are easy to miss.



- If you find a particular question confusing or exceptionally difficult, don't get hung up on it. Flag it for follow-up (or note the question number) and come back to it later. Remember that you only need to answer 70% of the questions correctly to pass the exam.
- Don't panic if you see an error message or run into other technical difficulties while taking the exam. If you are kicked out of the exam before you finish, your progress should be saved. If it appears that you are having connectivity issues, do not continue with the exam. Any questions you answer after losing your Internet connection will most likely NOT be saved.

Additional Resources

Additional resources are available to help you prepare for iRise certification exams. You can find information about iRise mentoring and instructor-led training on our web site at <http://www.irise.com/services/education>.

Many of our customers have found the following resources to be helpful as well.

Within iRise Studio:

- Access the iRise Help System from the Studio Help menu or by pressing F1 on your keyboard.
- Open and print the Quick Reference Guide from the Studio Help menu.
- Watch the Quick Start Videos or launch the Getting Started Tutorial from the Welcome Screen in Studio.
- Import and explore the Common Samples iDoc, which installs with Studio in the following location on your hard drive: \Program Files\iRise\Studio\iDoc_Samples\.
- Import and explore the SimBank sample project from the Welcome Screen in Studio.

Outside of Studio:

- An iRise Certified Modeler Exam Pre-test is [available online](#). This tool will help you get acclimated both to the types of questions that are on the exam and to the online delivery mode.
- Free self-paced e-learning is available at http://www.irise.com/services/training_elearning.
- The iRise Community (<http://community.irise.com>) is a lively, rapidly growing platform for engaging with other iRise users.

Contact Us

If you have any questions about iRise certification programs, please don't hesitate to contact us at education@irise.com.