

Quick Getting Started



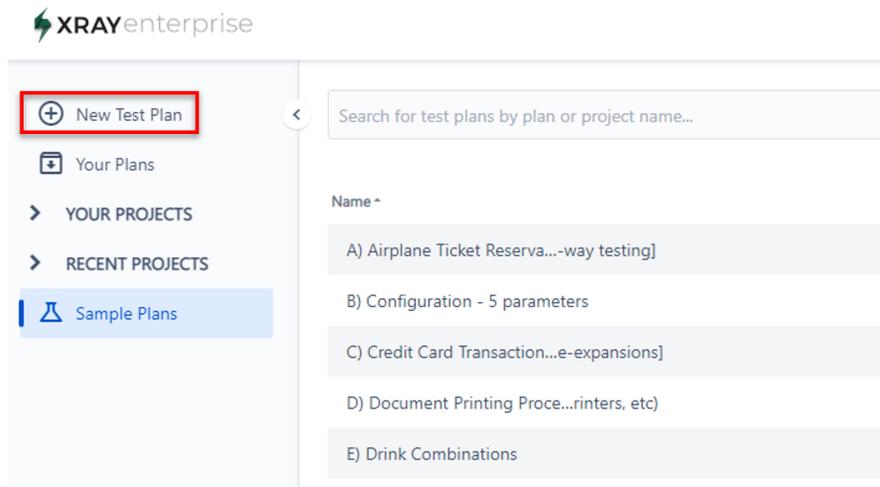
Welcome to Xray Test Case Designer!

 Looking for information on how to setup the Xray Test Case Designer? Check this section : [Quick Setup # Configure Test Case Designer](#)

Follow the next steps to start optimizing your testing scenarios.

1

First, click the "New Test Model" button at the top left of your home page.



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Next, follow the prompts.

1. Add a plan name.
2. Depending upon where you would like your new model to be saved, as appropriate:
 - a. Select an existing project from the drop-down menu,
 - b. Create a new project, or alternatively...
 - c. Use the default "None (private)."
3. Optionally (if you already have a set of test inputs created in Excel or a mind map), select "Choose File" to import the file.
4. Click the "Create" button.

Create New Test Plan ✕

Plan name

Project

None (private) ▼

Optional import file, [what kind of files?](#)

Choose File No file chosen

Cancel Create

3

Enter Parameters and Values

All test models have Parameters and values entered on the "Parameters" screen.

The screenshot shows the XRAY enterprise interface. At the top, the logo 'XRAYenterprise' is visible, followed by a dropdown menu showing 'SimplePlan' and a chat icon. On the left, a sidebar contains a list of navigation options: 'Parameters' (highlighted with a blue bar and a lightbulb icon), 'RULES', 'SCENARIOS', 'SCRIPTS', and 'ANALYSIS'. The main content area on the right displays the text 'This plan does not have any Parameters'. Below this text, there is a red-bordered button labeled '+ New Parameter' and a blue link labeled '+ Show me an example'.

To enter them, follow these steps:

- Click "New Parameter."
- Type or Select a Parameter Name. (Parameter Values may be edited on this screen, as well.)
- Click on "Create."
- Rinse and repeat" until you are ready to click on the "Scenarios" button.

New Parameter



Parameter Name

Type or select a Parameter Name

Parameter Values

Type one or more Parameter Values, one on each line. For example:

OSX
Windows
Linux



Tip

If you are wondering which Parameters and Values to enter into your plan, do not be discouraged! It is a little

tricky for almost all new users. You might find these 3 sources of information helpful to get started:

- View some sample plans to get ideas about typical kinds of inputs.
- “Start with a Verb and Noun” and ask “reporter questions” (who, what, when, where, why, how, how many).
- Check out the “How can I best identify variation in the system I’m testing?” help file.

Also, remember that you usually should not include Parameters for every field in your System Under Test. You’ll need to consider how the System Under Test works to appropriately identify a good set of test inputs for your plan. Include Parameters and Values if they should (or logically might) impact how your System Under Test operates (either by themselves or when interacting with other Values in your System Under Test). For example:

- If the system works exactly the same, whether someone’s name is Jim Green or Susan Smith, you may want to leave “First Name” and “Last Name” out of your Enterprise Designer variation ideas.
- If the gender of users would impact how the system works, you would probably want to include “Gender” as a Parameter (with male and female as the sample Values).

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Click **Scenarios** and wait a moment for your scientifically-prioritized suite to appear.

The screenshot shows the 'Parameters' section of the Enterprise Designer interface. On the left, there is a sidebar with a lightbulb icon for 'Parameters', a right-pointing arrow for 'RULES', and a blue downward arrow for 'SCENARIOS', which is highlighted with a red box. To the right of the sidebar is a search bar with the text 'Search...' and a dropdown menu showing '25 scenarios and 485 2-way interactions', also highlighted with a red box. Below the search bar, there is a list of parameters: '# Gender', 'Age', 'Marital Status', 'Employment Status', and 'Accidents Last'.

The default coverage strength is 2-way (“pairwise” or “all pairs”). For more information, please see the help documentation about “what is pairwise testing?” You can also select different coverage strengths (3-way combinatorial testing coverage, 4-way, 5-way, and 6-way).

Test Case Designer generates the smallest possible number of scenarios* to meet your coverage objectives.



**We used the word “scenarios” fairly loosely here. They are actually sets of optimized test conditions at this point. The first set of test conditions should be executed in your first test script, and so on.*

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You can then synchronize this scenario set.

Test Case Designer will transform these “bare bones” scenarios into comprehensive, detailed tests with steps and expected results.