

# Automated Test Framework

## What is the Automated Test Framework?

The Automated Test Framework (ATF) is a ServiceNow application used to automate the testing of applications, customizations, and configurations.

### Use ATF to test:

Service Catalog in Service Portal

Forms

Application Navigator

Service Catalog

Custom UI

List and Related List

Forms in Service Portal

REST

Server

Email

Reporting

Responsive Dashboards

ATF Variables

ATF uses variables to pass data from one test step to another. There are two types of variables:

Input

Output

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## Input Variables

Input variables provide test steps with the information they need to run. Developers provide values for input variables when configuring a test step. For example, the Create a user test step has five input variables: First name, Last name, Roles, Groups, and Impersonate this user.

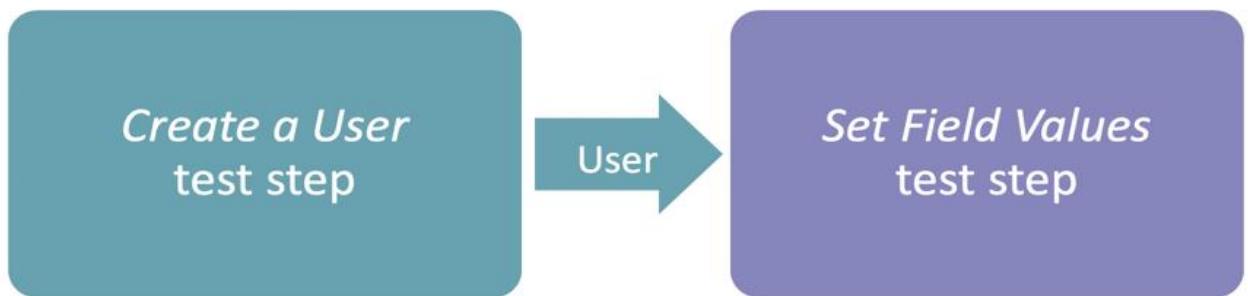
## Output Variables

Some test steps return values, known as output variables. Output variables can be used as inputs to later test steps. For example, the Create a user test step outputs a user variable other test steps can use.

## Using ATF Variables

When configuring tests, developers can use output variables from earlier test steps to populate input variables in subsequent test steps. In the example, User is an output variable from the Create a user test step. Any test step that occurs after the Create a user test step can use the User output variable to populate its input variables.

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*User* is an output variable from the *Create a User* test step

Use *User* to populate an input variable on the *Set Field Values* test step

Output variables from a step can be used to populate input variables in subsequent test steps.

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