

What you need to know 3

In this activity, you will create and use temporary variables. For more information about variables, see the Variables chapter in the *Prinerger Connect Workflow 6.1 Rules-Based Automation User Guide*.

What is a variable?

Variables allow for the storage and later retrieval of data within rule sets.

Types of variables

There are three types of variables available:

- Global variables—shared by and accessible from all rule sets
- Rule set variables—shared by and accessible from all instances of a single rule set
- Temporary variables—exist within a rule set instance and therefore are accessible only from that instance

What are the variable data types?

Type	Description
Boolean	A true or false value
Date and Time	A date and time representing an instant in time
Double	A 64-bit floating point number
File	A file or directory, along with an indication of exactly what type of file system object this represents
GUID	A globally unique identifier
Integer	A 32-bit integer
String	A character string
Time Span	An interval of time
Web File	A file or directory, along with an indication of exactly what type of file system object this represents.
Boolean list	A list of booleans
Date and Time list	A list of date and time objects
Double list	A list of Doubles
File List	A list of Files

Files (Web)	A list of Web Files
GUID list	A list of GUIDs
Integer list	A list of Integers
String list	A list of strings
Time Span list	A list of time spans

What are the possible uses of each variable type?

Variable type	Possible uses
Global	<ul style="list-style-type: none"> • Isolating external references • Persisting processing or execution state
Rule Set	<ul style="list-style-type: none"> • Isolating external references • Persisting processing or execution state
Temporary	<ul style="list-style-type: none"> • Simplifying complex event property references • Persisting processing or execution state