Debug Helper

# Debug Helper#

Use the Debug Helper node to trigger different error types or generate random datasets to help test n8n workflows.

## Operations#

Define the operation by selecting the Category:

• Do Nothing: Don't do anything.

• Throw Error: Throw an error with the specified type and message.

• Out Of Memory: Generate a specific memory size to simulate being out of memory.

• Generate Random Data: Generate some random data in a selected format.

## Node parameters#

The node parameters depend on the Category selected. The Do Nothing Category has no other parameters.

### Throw Error#

• Error Type: Select the type of error to throw. Choose from:  
NodeApiError  
NodeOperationError  
Error

• NodeApiError

• NodeOperationError

• Error

• Error Message: Enter the error message to throw.

### Out Of Memory#

The Out of Memory Category adds one parameter, the Memory Size to Generate. Enter the approximate amount of memory to generate.

### Generate Random Data#

• Data Type: Choose the type of random data you'd like to generate. Options include:  
Address  
Coordinates  
Credit Card  
Email  
IPv4  
IPv6  
MAC  
Nanoids: If you select this data type, you'll also need to enter:  
Nanoid Alphabet: The alphabet the generator will use to generate the nanoids.  
Nanoid Length: The length of each nanoid.  
URL  
User Data  
UUID  
Version

• Address

• Coordinates

• Credit Card

• Email

• IPv4

• IPv6

• MAC

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• Nanoid Length: The length of each nanoid.

• URL

• User Data

• UUID

• Version

• Seed: If you'd like to generate the data using a specific seed, enter it here. This ensures the data gets generated consistently. If you'd rather use random data generation, leave this field empty.

• Number of Items to Generate: Enter the number of random items you'd like to generate.

• Output as Single Array: Whether to generate the data as a single array (turned on) or multiple items (turned off).

## Templates and examples#

Browse Debug Helper integration templates, or search all templates