



SCALAR (\$)

DECLARE

```
{name} John
```

ACCESS

```
Log {name}
```

ITERATE / REASSIGN

```
{name}= Set Variable  
Jane
```

COMMON KEYWORDS

Set Variable

```
{x}= Set Variable Hello
```

Set Test Variable

```
Set Test Variable {x}  
Hello
```

Set Suite Variable

```
Set Suite Variable {x}  
Hello
```

Set Global Variable

```
Set Global Variable {x}  
Hello
```

Convert To String

```
{x}= Convert To String  
123
```

LIST (@)

DECLARE

```
@{fruits} apple banana  
cherry
```

ACCESS

```
Log {fruits}[0]
```

ITERATE / REASSIGN

```
FOR {f} IN @{fruits}  
Log {f}  
END
```

COMMON KEYWORDS

Create List

```
@{fruits}= Create List  
apple banana
```

Append To List

```
Append To List {fruits}  
cherry
```

Get From List

```
{x}= Get From List  
{fruits} 0
```

Remove From List

```
Remove From List {fruits}  
0
```

Length Should Be

```
Length Should Be {fruits}  
2
```

DICTIONARY (&)

DECLARE

```
&{user} name=John age=30
```

ACCESS

```
Log {user}[name]
```

ITERATE / REASSIGN

```
FOR {key} IN &{user}  
Log {key}={user}  
[{key}]  
END
```

COMMON KEYWORDS

Create Dictionary

```
&{user}= Create Dictionary  
name=John age=30
```

Get From Dictionary

```
{x}= Get From Dictionary  
{user} name
```

Set To Dictionary

```
Set To Dictionary {user}  
city=NY
```

Remove From Dictionary

```
Remove From Dictionary  
{user} age
```

Get Dictionary Keys

```
{keys}= Get Dictionary Keys  
{user}
```

OTHER VARIABLE TYPES

ENVIRONMENT (%)

```
%{PATH}
```

Reads OS environment variables directly into a test.

BUILT-IN VARIABLES

```
{CURDIR}  
{TEST_NAME}
```

Predefined by Robot Framework, available in every suite.

RETURN VARIABLES

```
{var}= Keyword Name
```

Captures a keyword's return value as a scalar.

KEY TERMS

Variable Scope: Where a variable is visible: Local, Test, Suite, or Global.

Extended Syntax: Dot/bracket access into an object's

Variables Section: The `*** Variables ***` block where variables are declared.

Variable File: A Python/YAML file supplying variables via `--`

