

# Create, Delete and Persist Env Variables

**1. Setting an Environment Variable in a Script:** You can define an environment variable in a script with the export command:

```
export MY_VAR="Hello, World!"  
echo $MY_VAR # Outputs: Hello, World!
```

Here, **MY\_VAR** is an environment variable accessible within the script.

**2. Accessing Environment Variables:** To use an environment variable, prefix it with \$, like \$MY\_VAR.

```
echo "User's home directory is: $HOME"
```

**3. Modifying Environment Variables:** You can modify environment variables to change the behavior of the script. For example, adding a directory to the PATH:

```
export PATH=$PATH:/new/directory
```

**4. Persisting Environment Variables:** To make environment variables available across sessions, add them to your shell configuration files, such as .bashrc or .bash\_profile:

```
echo 'export MY_VAR="Hello, Persistent World!"' >> ~/.bashrc  
source ~/.bashrc
```

**Example:** Using Environment Variables in a Script

```
#!/bin/bash  
  
# Set environment variables  
export GREETING="Hello"  
export NAME="Alice"  
  
# Use environment variables  
echo "$GREETING, $NAME!"  
  
# Modify PATH temporarily  
export PATH=$PATH:/additional/path
```