



Associative Arrays

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Learn How to Automate Common Tasks with **Bash** Shell Scripting

Associative Arrays

- We already know about Normal arrays or Indexed Arrays or Index Based Arrays and for these arrays Index values or Indices are Numbers (Integer Number)
- Associative arrays are the arrays with index values as strings.
- Generally no need to declare normal arrays before using them but we have to declare Associative arrays before using them.
 - declare -A myassarray
- Defining Associative Arrays:
 - myassarray=([name]="bash shell scripting" [version]=4.4)
 - Or
 - myassarray[name]="bash shell scripting"
 - myassarray[version]=4.4
- Simply Associative Arrays are called key-value pair representation.

Differences between Indexed Arrays and Associative Arrays

- Associative Arrays should be declare before using them (declare -A myassarray).
- echo "\${indexarray}" → will print first value by default
- echo "\${myassarray}" → wont print any value
- Indexed Array Indices are numbers
- Associative Array Indices are strings

Thank you