



ColdFusion Loop Types

Index Loop

When you want to loop through a set number of items using the index as the counter while looping.

```
<cfloop from="1" to="5" index="i">
    Looping over index: #i#<br/>
</cfloop>
```

Conditional Loop

When you want to run a process until the application reaches a certain state. Condition can contain multiple variables.

```
<cfloop condition="myVar EQ false">
    Looping until myVar is true<br/>
</cfloop>
```

Query Loop

When you want to output data from all of the rows inside a query. Query columns can be referenced by their names inside the loop.

```
<cfloop query="myQuery">
    Looping over #currentRow#<br/>
</cfloop>
```



ColdFusion Loop Types

List Loop

Similar to the query loop, when you want to loop over the data contained within a list.

```
<cfloop list="john,joe,jimmy" index="name">
    Looping over name: #name#<br/>
</cfloop>
```

File Loop

Loop over the data in a file using a defined separator. By default the loop uses a column as a separator, but you can use a hard return or other special characters as well.

```
<cfloop file="#myFile#" index="item">
    Looping until myVar is true<br/>
</cfloop>
```

Collection/Structure Loop

When you want to output all of the pieces of a structure similar to a query loop. The item holds that structure's "row".

```
<cfloop collection="#myStruct#" item="key">
    Looping over #myStruct[key]#<br/>
</cfloop>
```