

# Utility Function: StructExtract()

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Working with ArgumentCollections reminded me that I sometimes wish that I had an easy way to pull out just a few values from a structure into a new structure. So I wrote one:

```
<cffunction name="StructExtract" output="false" returntype="struct">
    <cfargument name="struct" type="struct" required="true"/>
    <cfargument name="keyList" type="string" required="true"/>

    <cfset var returnStruct = StructNew() />

    <cfloop list="#UCase(arguments.keyList)#" index="key">
        <cfset returnStruct[key] = arguments.struct[key] />
    </cfloop>

    <cfreturn returnStruct />
</cffunction>
```

## Example

```
<cfset struct1 = {
    Naomi = "Sweet",
    Kit = "Tough",
    Christina = "Cocky"
} />

<cfdump var="#struct1#" labe="struct1"/>

<cfset struct2 = StructExtract(struct1, "naomi,kit") />

<cfdump var="#struct2#" labe="struct2"/>
```