

SCOPE OF COLD FUSION VARIABLES

| SCOPE | CHARACTERISTICS | | | | | |
|--------------------|-------------------------------------|---------------------------------|-----------------------------|------------------------------|------------|---------------------------|
| | Shared Memory Scope (Needs Locking) | Persistant Across Page Requests | Available Across <CFMODULE> | Can Handle Complex Variables | Read Only | Persistant Across Cluster |
| Server | ✓ | ✓ | ✓ | ✓ | | |
| Application | ✓ | ✓ | ✓ | ✓ | | |
| Session | ✓ | ✓ | ✓ | ✓ | | |
| Client | | ✓ | ✓ | | | ✓ |
| Cookie | | ✓ | ✓ | | | ✓ |
| Request | | | ✓ | ✓ | | |
| Variables (local) | | | | ✓ | | |
| Attributes (local) | | | | ✓ | | |
| Caller (local)* | | | | ✓ | | |
| Form | | | ✓ | | Before 4.5 | |
| URL | | | ✓ | | Before 4.5 | |
| CGI | | | ✓ | | ✓ | |

* Inside <CFMODULE>, the parent template's VARIABLES variables can be accessed with the CALLER scope. It is intended to be used as a **method** for reading and setting local variables in the parent template directly from inside the <CFMODULE>. While it is not commonly used as a local scope, it truly is a local scope, since it is a COPY of the parent template VARIABLES scope. CALLER variables get copied back to the parent template VARIABLES when the <CFMODULE> call ends, and then die.

Created by Teratech, Inc. for the Maryland ColdFusion Users Group.
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