

NAME

Blt_TreeGetToken – Grabs a token associated with existing tree data object.

SYNOPSIS

```
#include <bltTree.h>
```

```
int
```

```
Blt_TreeGetToken(interp, name, tokenPtr)
```

ARGUMENTS

Tcl_Interp	<i>*interp</i>	(in)	Interpreter to report results back to.
const char	<i>*name</i>	(in)	Name of an existing tree data object. Can be qualified by a namespace.
Blt_Tree	<i>*tokenPtr</i>	(out)	Points to location to store the client tree token.

DESCRIPTION

This procedure obtains a token to a C-based tree data object. The arguments are as follows:

<i>interp</i>	Interpreter to report results back to. If an error occurs, then <i>interp->result</i> will contain an error message.
<i>name</i>	Name of an existing tree data object. It's an error if a tree <i>name</i> doesn't already exist. <i>Name</i> can be qualified by a namespace such as fred::myTree . If no namespace qualifier is used, the tree the current namespace is searched, then the global namespace.
<i>tokenPtr</i>	Points to the location where the returned token is stored. A tree token is used to work with the tree object.

A token for the tree data object is returned. Tree data objects can be shared. For example, the **tree** and **hi-eritable** commands may be accessing the same tree data object. Each client grabs a token that is associated with the tree. When all tokens are released (see **Blt_TreeReleaseToken**) the tree data object is automatically destroyed.

RETURNS

A standard Tcl result is returned. If TCL_ERROR is returned, then *interp->result* will contain an error message. The following errors may occur:

- No tree exists as *name*. You can use **Tcl_TreeExists** to determine if a tree exists beforehand.
- Memory can't be allocated for the token.

EXAMPLE

The following example allocated a token for an existing tree.

```
Blt_Tree token;

if (Blt_TreeGetToken(interp, "myTree", &token) != TCL_OK) {
    return TCL_ERROR;
}
printf("tree is %s\n", Blt_TreeName(token));
```

SEE ALSO

Tcl_TreeCreate, Tcl_TreeExists, Tcl_TreeReleaseToken