



Discussion Topics

This section of ClearCase covers the custom scripts developed for Ir1.

- Custom scripts use the directory /usr/ccase which is mounted by each ClearCase client so that it can access all scripts

Add a User-Specified Label



```
/usr/ccase/scripts/add_label.sh
```

Description:
Script will attach the given label to all specified elements

Usage:
add_label.sh [-r] label element...
add_label.sh -h

-h : output this help message and exit

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```
/usr/ccase/scripts/add_label.sh
```

Description:

Adds a user-specified label to all specified elements. Optionally processes sub-directories.

Display Backup File Status



```
/usr/ccase/scripts/backup_stat.sh
```

Description:

Display the status file generated by the backup_all.sh script

Usage:

```
backup_stat.sh
```

```
backup_stat.sh -h
```

-h : output this help message and exit

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Discussion Topics

```
/usr/ccase/scripts/backup_stat.sh
```

Description:

Display the status file generated by the backup_all.sh script.

Backup a View



`/usr/ccase/scripts/backup_view.sh`

Description:
Script used to automatically perform the operation of backing up a view

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`/usr/ccase/scripts/backup_view.sh`

Description:

This script is used to automatically perform the operation of backing up a view.

Backup All VOBs and Views



```
/usr/ccase/scripts/backup_vob.sh
```

Description:
Backup all VOBs and Views

Usage:
backup_vob.sh
backup_vob.sh -h

-h : output this help message and exit

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`/usr/ccase/scripts/backup_vob.sh`

Description:

Backup all VOBs and Views.

Prevent Use of ClearCase Command



`/usr/ccase/scripts/block_rmbranch.sh`

Description:
Script that is part of a ClearCase trigger to block execution of the command 'rmbranch'

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`/usr/ccase/scripts/block_rmbranch.sh`

Description:

Trigger script to prevent the use of the cleartool command “rmbranch”, except by authorized users.

Prevent Use of ClearCase Command (cont'd)



```
/usr/ccase/scripts/block_rmelem.sh
```

Description:

Script that is part of a ClearCase trigger to block execution of the command 'rmelem'

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```
/usr/ccase/scripts/block_rmelem.sh
```

Description:

Trigger script to prevent the use of the cleartool command "rmelem", except by authorized users.

Prevent Use of ClearCase Command (cont'd)



```
/usr/ccase/scripts/block_rmver.sh
```

Description:

Script that is part of a ClearCase trigger to block execution of the command 'rmver'

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```
/usr/ccase/scripts/block_rmver.sh
```

Description:

Trigger script to prevent the use of the cleartool command "rmver", except by authorized users.

Check-in All Files



`/usr/ccase/scripts/checkin_all.sh`

Description:
Script that checks in all elements in the specified directory.
If the -r option is included, subdirectories will also be processed.

Usage:
`checkin_all.sh [-r] directory`
`checkin_all.sh -h`

-h : output this help message and exit

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`/usr/ccase/scripts/checkin_all.sh`

Description:

Check in all files in a specified directory. Optionally processes sub-directories

Checkout All Files



```
/usr/ccase/scripts/checkout_all.sh
```

Description:
Script that checks out all elements in the specified directory.
If the -r option is included, subdirectories will also be processed.

Usage:
checkout_all.sh [-r] directory
checkout_all.sh -h

-h : output this help message and exit

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`/usr/ccase/scripts/checkout_all.sh`

Description:

Check out all files in a specified directory. Optionally processes sub-directories.

List All Elements with a Specified Label



```
/usr/ccase/scripts/list_label.sh
```

Description:
Script that lists all elements that have the label attached

Usage:
list_label.sh label
list_label.sh -h

-h : output this help message and exit

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```
/usr/ccase/scripts/list_label.sh
```

Description:

List all elements that have a specified label attached.

Create a Directory for Scripts



`/usr/ccase/scripts/make_dirs.sh`

Description:
Script that creates the directory structure for the science software VOBs

Usage:
`make_dirs.sh`
`make_dirs.sh -h`

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`/usr/ccase/scripts/make_dirs.sh`

Description:

Creates the directory structure necessary for these scripts.

Create a VOB



```
/usr/ccase/scripts/make_vob.sh
```

Description:
Script that creates a VOB, initializes it with Labels and Triggers, and creates a default View for VOBADM

Usage:
make_vob.sh vobname
make_vob.sh -h

-h : output this help message and exit

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```
/usr/ccase/scripts/make_vob.sh
```

Description:

Creates a VOB. Also creates a View for VOBADM, if necessary. Adds pre-defined triggers, labels, and attributes to the VOB.

Change Ownership of New Elements



`/usr/ccase/scripts/mkelem_chown.sh`

Description:
This script is part of a trigger on the ClearCase command 'mkelem'. It changes the owner to VOBADM, and sets the permissions to rwxrwxr-x.
– This is done to ease Administration headaches.

Usage:
None

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Discussion Topics

`/usr/ccase/scripts/mkelem_chown.sh`

Description:

Trigger that changes the ownership of new elements to VOBADM. Also changes the permissions to “770”