

Clone a Case

You can make an exact copy of your own case or someone else's case complete with any namelist or source code changes by creating a clone. To create a clone:

1. Go to the model directory `$CESM_ROOT` and create a new case called `$CASENAME` from the case you are cloning called `$CLONENAME` and save the output in `<your_output_path>`. For example, `<your_output_path>` could be `/glade/scratch/<your_username>`. If you are cloning from another user's case, you must specify a new output path else the output will be saved to the user's path, from which you are creating the clone.

Note: The `$CESM_ROOT` must be the same `$CESM_ROOT` used to create the case, from which you are cloning (`$CLONENAME`)

```
>cd $CESM_ROOT/cime/scripts
>./create_clone --clone <clone_path+$CLONENAME> --case <your_path+$CASENAME> --cime-output-root
<your_output_path>
```

A new directory `$CASEROOT = <your_path+$CASENAME>` is created.

2. From within `$CASEROOT`, the steps to set-up, build, and run your new cloned case are exactly the same as when you created a new case. See [Run CAM-Chem on Cheyenne](#) (Step 2 - 11) for more details.