

How do I setup submission-side path translation in the QubeGUI?

The QubeGUI 5.4 version uses the standardized SimpleCmd/SimpleSubmit framework for all of the submission dialogs. These submission dialogs are editable and located in the `simplecmds/` directory (see **File->Open SimpleCmds Directory...**). A `postDialog` callback can be added to convert all path parameters to what the renderfarm machines expect.

Here is an example of modification to the **Nuke (cmdline)** submission interface that will convert the paths from OS X to Windows UNC paths:

```
def create():
    cmdjob = SimpleCmd('Nuke (cmdline)', hasRange=True, canChunk=True, help='Nuke render jobtype',
    [b]postDialog=postDialog[/b])
    ...
def postDialog(cmd, jobProps):
    # Get a list of properties that use paths
    fileProps = set([k for k,v in cmd.options.iteritems() if v.get('type', '') in ['dir', 'file']])
    # For path properties, substitute the string values
    for k,v in jobProps.setdefault('package', {}).iteritems():
        if k in fileProps:
            jobProps['package'][k] = v.replace('/Volumes/myserver/', '//myserver/')
```