

pip.\_internal.commands.download.  
DownloadCommand.run

pip.\_internal.commands.install.  
InstallCommand.run

pip.\_internal.commands.wheel.  
WheelCommand.run

enter\_context

```
graph LR; A["pip._internal.commands.download.  
DownloadCommand.run"] --> D["enter_context"]; B["pip._internal.commands.install.  
InstallCommand.run"] --> D; C["pip._internal.commands.wheel.  
WheelCommand.run"] --> D; D --> D;
```

The diagram illustrates a common code path for pip's internal commands. Three separate boxes on the left represent the `run` methods of `DownloadCommand`, `InstallCommand`, and `WheelCommand`. Each box has a blue arrow pointing to a single, shaded box on the right labeled `enter_context`. Additionally, a curved blue arrow on the `enter_context` box indicates a self-call or loop.