

How to switch in different composer version in ubuntu

To switch between different Composer versions on Ubuntu, particularly between major versions like Composer 1 and Composer 2, you can use the `self-update` command with specific flags.

Switching between Composer 1 and Composer 2:

To switch to Composer 1.

```
composer self-update --1
```

To switch to Composer 2.

```
composer self-update --2
```

Other useful `self-update` commands:

- **To update to the latest stable version (usually Composer 2):**

```
composer self-update
```

- **To revert to the previous Composer version:**

```
composer self-update --rollback
```

- **To preview a new Composer version before updating:**

```
composer self-update --preview
```

Important Notes:

- If you encounter permission errors when running `composer self-update`, you might need to run it with `sudo`, like `sudo composer self-update --2`. However, be cautious when using `sudo` with Composer, as it can sometimes lead to permission issues in your user's home directory.

- Ensure your PHP environment is compatible with the Composer version you are switching to. Different Composer versions might have different PHP version requirements.
- After switching versions, you can verify the current Composer version by running:

```
composer --version
```

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