

`glm::perlin`

`glm::simplex`

`glm::detail::taylorInvSqrt`

```
graph LR; A[glm::perlin] --> C[glm::detail::taylorInvSqrt]; B[glm::simplex] --> C;
```

The diagram illustrates a dependency or inheritance relationship. On the left, two white rectangular boxes are stacked vertically. The top box contains the text `glm::perlin` and the bottom box contains `glm::simplex`. Both boxes have a thin black border. From the right side of each of these boxes, a blue arrow points towards a single, larger gray rectangular box on the right. This gray box contains the text `glm::detail::taylorInvSqrt` and has a thin black border. The arrows indicate that both `glm::perlin` and `glm::simplex` utilize or depend on the `glm::detail::taylorInvSqrt` function.