

CastRaysDistance

CastSingleRayDistance

HF::RayTracer::EmbreeRay  
Tracer::IntersectOutputArguments

```
graph LR; A[CastRaysDistance] --> C[HF::RayTracer::EmbreeRay<br/>Tracer::IntersectOutputArguments]; B[CastSingleRayDistance] --> C;
```

The diagram illustrates a relationship between two functions and a common data structure. On the left, two white rectangular boxes are stacked vertically. The top box contains the text 'CastRaysDistance' and the bottom box contains 'CastSingleRayDistance'. Blue arrows originate from the right side of each of these boxes and point towards a single, larger gray rectangular box on the right. This gray box contains two lines of text: 'HF::RayTracer::EmbreeRay' on the top line and 'Tracer::IntersectOutputArguments' on the bottom line. The arrows indicate that both 'CastRaysDistance' and 'CastSingleRayDistance' utilize or interact with the 'HF::RayTracer::EmbreeRay' structure, specifically its 'IntersectOutputArguments' member.