

CastRaysDistance

CastSingleRayDistance

HF::RayTracer::EmbreeRay  
Tracer::IntersectOutputArguments

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

The diagram illustrates the relationship between two casting functions and a common ray-tracing structure. On the left, two white rectangular boxes are stacked vertically. The top box contains the text 'CastRaysDistance' and the bottom box contains 'CastSingleRayDistance'. On the right, a larger gray rectangular box contains two lines of text: 'HF::RayTracer::EmbreeRay' and 'Tracer::IntersectOutputArguments'. Two blue arrows originate from the right side of the white boxes and point towards the left side of the gray box, indicating that both functions utilize or interact with the structure defined in the gray box.