

```
std::vector< typename  
descartes_light::StateEvaluator  
< FloatType >::ConstPtr >
```

```
std::vector< typename  
descartes_light::EdgeEvaluator  
< FloatType >::ConstPtr >
```

```
std::vector< typename  
descartes_light::WaypointSampler  
< FloatType >::ConstPtr >
```

state_evaluators

edge_evaluators

samplers

```
tesseract_planning  
::DescartesProblem<  
FloatType >
```

The diagram illustrates the relationship between a central class and its associated data structures. On the right, a grey box contains the class `tesseract_planning::DescartesProblem<FloatType>`. Three dashed purple arrows originate from this box and point to three white boxes on the left. The top arrow is labeled 'state_evaluators' and points to a box containing `std::vector< typename descartes_light::StateEvaluator<FloatType>::ConstPtr >`. The middle arrow is labeled 'edge_evaluators' and points to a box containing `std::vector< typename descartes_light::EdgeEvaluator<FloatType>::ConstPtr >`. The bottom arrow is labeled 'samplers' and points to a box containing `std::vector< typename descartes_light::WaypointSampler<FloatType>::ConstPtr >`.