

```
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 the `tesseract_planning::DescartesProblem` class and its associated data structures. The class, shown in a grey box on the right, contains three vectors of pointers to its data structures, which are shown in white boxes on the left. Dashed purple arrows point from the class to each vector, labeled with the names of the data structures: `state_evaluators`, `edge_evaluators`, and `samplers`.