

tesseract\_planning  
::TrajOptPlanProfile

```
std::vector< std::tuple  
< sco::VectorOfVector  
::func, sco::MatrixOfVector  
::func, sco::ConstraintType,  
Eigen::VectorXd > >
```

VectorXd

constraint\_error\_functions  
cartesian\_coeff  
joint\_coeff

tesseract\_planning  
::TrajOptDefaultPlanProfile

```
graph LR; A[tesseract_planning::TrajOptDefaultPlanProfile] -- solid blue arrow --> B[tesseract_planning::TrajOptPlanProfile]; A -. "constraint_error_functions, cartesian_coeff, joint_coeff" .-> C["std::vector< std::tuple< sco::VectorOfVector::func, sco::MatrixOfVector::func, sco::ConstraintType, Eigen::VectorXd >>"]; A -. " " .-> D[VectorXd];
```