|  |  |  |
| --- | --- | --- |
| Query   * QueryExpression | Source (true, null) | QueryExpression.FromExpressions = source.FromExpressions  QueryExpression.FromIdentifiers = source.FromIdentifiers  QueryExpression.WhereExpressions = source.WhereExpressions  QueryExpression.ProjExpressions = source.ProjExpressions  QueryExpression.OrderExpressions = source.OrderExpressions |
| Source   * TopLevel * PotentialFromIdentifier * FromExpressions * FromIdentifiers * WhereExpressions * ProjExpressions * OrderExpressions * Distinct | ConstantExpression ce | FromExpressions = {ce}  FromIdentifiers = {PotentialFromIdentifier}  WhereExpressions = {}  ProjExpressions = {}  OrderExpressions = {}  Distinct = false |
| Source   * TopLevel * PotentialFromIdentifier * FromExpressions * FromIdentifiers * WhereExpressions * ProjExpressions * OrderExpressions * Distinct | WhereExpression(TopLevel) we | FromExpressions = we.FromExpressions  FromIdentifiers = we.FromIdentifiers  WhereExpressions = we.BoolExpressions  ProjExpressions = we.ProjExpressions  OrderExpressions = we.OrderExpressions  Distinct = false |
| Source   * TopLevel * PotentialFromIdentifier * FromExpressions * FromIdentifiers * WhereExpressions * ProjExpressions * OrderExpressions * Distinct | DistinctExpression(TopLevel) de | FromExpressions = de.FromExpressions  FromIdentifiers = de.FromIdentifiers  WhereExpressions = de.WhereExpressions  ProjExpressions = de.ProjExpressions  OrderExpressions = de.OrderExpressions  Distinct = true |
| Source   * TopLevel * PotentialFromIdentifier * FromExpressions * FromIdentifiers * WhereExpressions * ProjExpressions * OrderExpressions * Distinct | SelectManyExpression sm | FromExpressions = sm.FromExpressions  FromIdentifiers = sm.FromIdentifiers  WhereExpressions = sm.WhereExpressions  ProjExpressions = sm.ProjExpressions  OrderExpressions = sm.OrderExpressions  Distinct = false |
| Source   * TopLevel * PotentialFromIdentifier * FromExpressions * FromIdentifiers * WhereExpressions * ProjExpressions * OrderExpressions * Distinct | OrderByExpression(TopLevel) oe | FromExpressions = sm.FromExpressions  FromIdentifiers = sm.FromIdentifiers  WhereExpressions = sm.WhereExpressions  ProjExpressions = sm.ProjExpressions  OrderExpressions = oe.OrderExpressions  Distinct = false |
| SelectExpression   * FromExpressions * FromIdentifiers * WhereExpressions * ProjExpressions * OrderExpressions | Source(false, ue.Operand.Parameter[0]) source  UnaryExpression ue | FromExpressions = source.FromExpressions  FromIdentifiers = source.FromIdentifiers  WhereExpressions = source.WhereExpressions  ProjExpressions = source.ProjExpressions + {ue.Operand}  OrderExpressions = source.OrderExpressions |
| SelectManyExpression   * FromExpressions * FromIdentifiers * WhereExpressions * ProjExpressions * OrderExpressions | Source(false, ue2.Operand.Parameters[0])  UnaryExpression ue1  UnaryExpression ue2 | FromExpressions = source.FromExpressions + {ue1.Operand}  FromIdentifiers = source.FromIdentifiers + {ue2.Operand.Parameters[1]}  WhereExpressions = source.WhereExpressions  ProjExpressions = source.ProjExpressions + {ue2.Operand}  OrderExpressions = source.OrderExpressions |
| WhereExpression   * TopLevel * FromExpressions * FromIdentifiers * BoolExpressions * ProjExpressions * OrderExpressions | Source(false, ue.Operand.Parameter[0]) source  UnaryExpression ue | FromExpressions = source.FromExpressions  FromIdentifiers = source.FromIdentifiers  BoolExpressions = source.WhereExpressions + {ue.Operand}  ProjExpressions = source. ProjExpressions + (if (TopLevel) {() => ue.Operand.Parameter[0]} else {})  OrderExpressions = source.OrderExpressions |
| OrderByExpression   * TopLevel * FromExpressions * FromIdentifiers * WhereExpressions * ProjExpressions * OrderExpressions | Source(false, ue.Operand.Parameters[0])  UnaryExpression ue | FromExpressions = source.FromExpressions  FromIdentifiers = source.FromIdentifiers  WhereExpressions = source.WhereExpressions  ProjExpressions = source.ProjExpressions + (if (TopLevel) {() => ue.Operand.Parameter[0]} else {})  OrderExpressions = source.OrderExpressions + {ascOrDesc/thenByOrFirst/ue.Operand} |
| DistinctExpression   * TopLevel * FromExpressions * FromIdentifiers * WhereExpressions * ProjExpressions | SelectExpression (TopLevel) se | FromExpressions = se.FromExpressions  FromIdentifiers = se.FromIdentifiers  WhereExpressions = se.WhereExpressions  ProjExpressions = se.ProjExpressions  OrderExpressions = se.OrderExpressions |