

Velocity Generator Reference

This is a reference of the available bindings for the Velocity Generator inside WOLips. This is fairly complete, but not exhaustive. For more detail consult the Entity Modeler [source](#).

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EOEntity

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NAME

\$entity.name
\$entity.pluralName
\$entity.initialLowercaseName
\$entity.pluralInitialLowercaseName
\$entity.fullyQualifiedName
\$entity.originalName
\$entity.externalName

CLASS

\$entity.className
\$entity.classNameWithDefault
\$entity.classNameWithoutPackage
\$entity.classNameWithOptionalPackage

\$entity.initialLowercaseClassNameWithoutPackage
\$entity.pluralInitialLowercaseClassNameWithoutPackage

\$entity.prefixClassName
\$entity.prefixClassNameWithoutPackage
\$entity.prefixClassNameWithOptionalPackage

\$entity.genericRecord (isGenericRecord)

\$entity.packageName
\$entity.superclassPackageName

\$entity.parentClassName
\$entity.parentClassNameSet (isParentClassNameSet)
\$entity.clientClassName

ATTRIBUTES

\$entity.attributes
\$entity.sortedAttributes
\$entity.attributeNames
\$entity.singlePrimaryKeyAttribute
\$entity.primaryKeyAttributes

\$entity.classAttributes
\$entity.sortedClassAttributes
\$entity.clientClassAttributes
\$entity.sortedClientClassAttributes
\$entity.commonClassAttributes
\$entity.sortedCommonClassAttributes
\$entity.nonClassAttributes

RELATIONSHIPS

\$entity.relationships
\$entity.sortedRelationships
\$entity.classRelationships
\$entity.sortedClassRelationships
\$entity.clientClassRelationships
\$entity.sortedClientClassRelationships
\$entity.commonClassRelationships
\$entity.sortedCommonClassRelationships
\$entity.nonClassRelationships

\$entity.toOneRelationships
\$entity.sortedToOneRelationships
\$entity.classToOneRelationships
\$entity.sortedClassToOneRelationships
\$entity.clientClassToOneRelationships
\$entity.sortedClientClassToOneRelationships
\$entity.commonClassToOneRelationships
\$entity.sortedCommonClassToOneRelationships

\$entity.toManyRelationships
\$entity.sortedToManyRelationships
\$entity.classToManyRelationships
\$entity.sortedClassToManyRelationships
\$entity.clientClassToManyRelationships
\$entity.sortedClientClassToManyRelationships
\$entity.commonClassToManyRelationships
\$entity.sortedCommonClassToManyRelationships

INDEXES (See EOEntityIndex below)

\$entity.entityIndexes
\$entity.sortedEntityIndexes

FETCH SPECS (See EOFetchSpecification below)

\$entity.fetchSpecs
\$entity.sortedFetchSpecs

PROPERTIES

\$entity.externalName
\$entity.model
\$entity.readOnly (isReadOnly)
\$entity.prototype (isPrototype)
\$entity.partialBase (isPartialBase)
\$entity.partialEntity (isPartialEntity)
\$entity.abstractEntity (isAbstractEntity)
\$entity.cachesObjects
\$entity.hasSharedObjects
\$entity.sharesAllObjectsOnly
\$entity.entrnalQuery
\$entity.maxNumberOfInstancesToBatchFetch
\$entity.entityIndexes
\$entity.sortedEntityIndexes
\$entity.referenceFailures
\$entity.referencingRelationships
\$entity.parent
\$entity.childrenEntities
\$entity.restrictingQualifier

STORED PROCEDURES

\$entity.deleteProcedure
\$entity.fetchAllProcedure
\$entity.fetchWithPrimaryKeyProcedure
\$entity.insertProcedure
\$entity.nextPrimaryKeyProcedure

INHERITANCE

\$entity.inherited (isInherited)
\$entity.singleTableInheritance (isSingleTableInheritance)
\$entity.verticalInheritance (isVerticalInheritance)
\$entity.horizontalInheritance (isHorizontalInheritance)
\$entity.inheritedAttributes
\$entity.inheritedRelationships

DOCUMENTATION

\$entity.documentation

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EOAttribute

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NAME

\$attribute.name
\$attribute.capitalizedName
\$attribute.uppercaseUnderscoreName
\$attribute.fullyQualifiedName

CLASS

\$attribute.javaClassName
\$attribute.valueClassName
\$attribute.valueType

PROPERTIES

\$attribute.columnName
\$attribute.definition
\$attribute.definitionPath

\$attribute.allowsNull
\$attribute.usedForLocking
\$attribute.prototype

\$attribute.externalType
\$attribute.precision
\$attribute.scale
\$attribute.width
\$attribute.serverTimeZone

\$attribute.prototyped (isPrototyped)
\$attribute.flattened (isFlattened)
\$attribute.inherited (isInherited)
\$attribute.readOnly (isReadOnly)
\$attribute.indexed (isIndexed)
\$attribute.classProperty (isClassProperty)
\$attribute.clientClassProperty (isClientClassProperty)
\$attribute.commonClassProperty (isCommonClassProperty)

\$attribute.primaryKey (isPrimaryKey)

\$attribute.adaptorValueConversionMethodName
\$attribute.factoryMethodArgumentType
\$attribute.valueFactoryMethodName
\$attribute.readFormat
\$attribute.writeFormat

\$attribute.referenceFailures
\$attribute.referenceFlattenedAttributes
\$attribute.referenceRelationships

DOCUMENTATION

\$attribute.documentation

EORelationship

NAME

\$relationship.name
\$relationship.capitalizeName
\$relationship.uppercaseUnderscoreName
\$relationship.fullyQualifiedName

PROPERTIES

\$relationship.actualDestination (see EOEntity keys)
\$relationship.destination

\$relationship.ownsDestination
\$relationship.propagatesPrimaryKey
\$relationship.flattened (isFlattened)
\$relationship.inherited (isInherited)
\$relationship.mandatory (isMandatory)
\$relationship.optional (isOptional)
\$relationship.classProperty (isClassProperty)
\$relationship.clientClassProperty (isClientClassProperty)
\$relationship.commonClassProperty (isCommonClassProperty)
\$relationship.toMany (isToMany)
\$relationship.toOne (isToOne)
\$relationship.isInverseRelationship?

\$relationship.definition
\$relationship.definitionPath
\$relationship.deleteRule
\$relationship.inverseRelationship
\$relationship.relatedAttributes
\$relationship.joinSemantic
\$relationship.joins
\$relationship.firstJoin
\$relationship.numberOfWorkToFetchToBatchFetch
\$relationship.referenceFailures
\$relationship.referenceFlattenedAttributes
\$relationship.referenceFlattenedRelationships

DOCUMENTATION

\$relationship.documentation

EOEntityIndex

\$index.name
\$index.constraint (\$index.constraint.externalName == "distinct", "fulltext", "spatial", or "none")
\$index.indexType (\$index.indexType.externalName == "clustered" or "hashed")
\$index.order (\$index.order.externalName) == "asc" or "desc"
\$index.attributes (see EOAttribute)

////////////////////////////////////
EOFetchSpecification
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NAME

\$fetchSpec.name
\$fetchSpec.initialLowercaseName
\$fetchSpec.capitalizedName
\$fetchSpec.uppercaseUnderscoreName
\$fetchSpec.fullyQualifiedName

BINDINGS (see EOQualifierBinding below for the keys for each binding)

\$fetchSpec.distinctBindings
\$fetchSpec.allBindings

RAW ROWS

\$fetchSpec.rawRowKeyPaths
\$fetchSpec.fetchEnterpriseObjects (isFetchEnterpriseObjects)
\$fetchSpec.fetchAllAttributesAsRawRows (isFetchAllAttributesAsRawRows)
\$fetchSpec.fetchSpecificAttributesAsRawRows (isFetchSpecificAttributesAsRawRows)

PROPERTIES

\$fetchSpec.sharesObjects
\$fetchSpec.usingQualifier
\$fetchSpec.usingCustomQuery
\$fetchSpec.usingStoredProcedure
\$fetchSpec.deep (isDeep)
\$fetchSpec.locksObjects
\$fetchSpec.promptsAfterFetchLimit
\$fetchSpec.refreshesRefetchedObjects
\$fetchSpec.requiresAllQualifierBindingVariables
\$fetchSpec.usesDistinct

\$fetchSpec.sortOrderings
\$fetchSpec.customQueryExpression
\$fetchSpec.storedProcedure
\$fetchSpec.qualifier
\$fetchSpec.qualifierString
\$fetchSpec.fetchLimit
\$fetchSpec.prefetchingRelationshipKeyPaths
\$fetchSpec.referenceFailures

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EOQualifierBinding (these keys are the for the Fetch Specification bindings in the qualifier)
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\$binding.name
\$binding.javaClassName
\$binding.keyPath
\$binding.attributePath