

DynCommRcpp::vertexCount

```
graph LR; A[DynCommRcpp::vertexCount] --> B[DynCommBase::vertexCount]; B --> C[GraphUndirected::vertexCount];
```

The diagram illustrates the inheritance of the `vertexCount` function across three classes. It consists of three rectangular boxes arranged horizontally. The first box on the left is shaded gray and contains the text `DynCommRcpp::vertexCount`. A blue arrow points from this box to the second box in the middle, which is white and contains `DynCommBase::vertexCount`. Another blue arrow points from the second box to the third box on the right, which is also white and contains `GraphUndirected::vertexCount`. This sequence indicates that `GraphUndirected` inherits the `vertexCount` function from `DynCommBase`, which in turn inherits it from `DynCommRcpp`.

DynCommBase::vertexCount

GraphUndirected::vertexCount