

std::integral\_constant  
< std::size\_t, N >

gxx::integral\_constant  
< gxx::size\_t, N >

extent< T[N], 0 >

```
graph BT; A[extent< T[N], 0 >] --> B[std::integral_constant< std::size_t, N >]; A --> C[gxx::integral_constant< gxx::size_t, N >];
```

The diagram illustrates the relationship between the `extent` function and the `integral_constant` template. At the bottom, a gray box contains the expression `extent< T[N], 0 >`. Two blue arrows point upwards from this box to two white boxes above it. The left white box contains `std::integral_constant< std::size_t, N >`, and the right white box contains `gxx::integral_constant< gxx::size_t, N >`. This indicates that the `extent` function is implemented using these two different `integral_constant` specializations.