

Eigen::internal::pscatter
< bfloat16, Packet8bf >

Eigen::internal::pscatter
< short int, Packet8s >

Eigen::internal::pscatter
< unsigned short int, Packet8us >

Eigen::internal::pscatter
_size8

```
graph LR; A["Eigen::internal::pscatter< bfloat16, Packet8bf >"] --> D["Eigen::internal::pscatter_size8"]; B["Eigen::internal::pscatter< short int, Packet8s >"] --> D; C["Eigen::internal::pscatter< unsigned short int, Packet8us >"] --> D;
```

The diagram illustrates a template specialization hierarchy. On the left, three boxes represent specific Eigen::internal::pscatter templates: one for bfloat16 with Packet8bf, one for short int with Packet8s, and one for unsigned short int with Packet8us. Blue arrows from each of these three boxes point towards a single box on the right. This rightmost box, which has a gray background, represents the Eigen::internal::pscatter _size8 template, indicating that it is the common base or a more general specialization for the three templates on the left.