

templa::internal::type\_list< Initial, Ts... >

templa::internal::type\_list< Inits..., Elem >

templa::type\_list\_append< Initial< Inits... >, Elem >

```
graph BT; A[templa::type_list_append< Initial< Inits... >, Elem >] --> B[templa::internal::type_list< Initial, Ts... >]; A --> C[templa::internal::type_list< Inits..., Elem >];
```

The diagram illustrates a relationship between three C++ type definitions. At the bottom, a box contains the definition `templa::type_list_append< Initial< Inits... >, Elem >`. Two arrows originate from the top of this box and point upwards to two separate boxes above it. The left box contains `templa::internal::type_list< Initial, Ts... >` and the right box contains `templa::internal::type_list< Inits..., Elem >`. This suggests that `templa::type_list_append` is a specialization or a function that operates on the `type_list` structures defined in the `internal` namespace.