```
+---------------------------+
|       tMPI_Atomic         |
+---------------------------+
| + value                   |
| + value                   |
| + padding                 |
| + value                   |
| + value                   |
+---------------------------+
| + __attribute__()         |
| + __attribute__()         |
+---------------------------+
              |
              | n_remaining
              | current_sync
              ◇
+---------------------------+
|       coll_env_coll       |
+---------------------------+
| + current_sync            |
| + n_remaining             |
| + res                     |
+---------------------------+
|                           |
+---------------------------+
```