

STL Ordered Associative Container: map

- An `std::map` associates a value with each unique key
 - e.g., a student's id number & their student record
- Its `value_type` is implemented as `pair<const Key, Data>`

```
std::vector<std::string> word_list {
    "now", "is", "the", "time", "for",
    "all", "good", "people", "to",
    "come", "to", "the", "aid", "of",
    "their", "party"};

typedef std::map<std::string, int>
    WORD_MAP;
WORD_MAP word_map;

for (auto const &word : word_list)
    ++word_map[word];
```

See github.com/douglasraigschmidt/CPlusPlus/tree/master/STL/S-05/5.5