

STL Ordered Associative Container: **multimap**

- An `std::map` supports multiple equivalent (non-unique) keys
 - e.g., a student first names & last names
- Its `value_type` is also implemented as `pair` `<const Key, Data>`

```
typedef multimap <string, string>
    names_type;
typedef names_type::value_type
    value_type;

int main(int argc, char *argv[]) {
    names_type names;

    names.insert(value_type("Kim",
                           "Smith"));
    names.insert(value_type("Jane",
                           "Smith"));
    names.insert(value_type("Kay",
                           "Smith"));
}
```

See github.com/douglascraigsschmidt/CPlusPlus/tree/master/STL/S-05/5.6