

STL pair Helper Class

- This template is the basis for the map & set associative containers because it stores (potentially) heterogeneous pairs of data together

```
template <typename T, typename U>
struct pair {
    // Data members
    T first;
    U second;
    // Default constructor
    pair () {}
    // Constructor from values
    pair (const T& t, const U& u)
        : first (t), second (u) {}
};
```

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- A pair binds a key (i.e., the first element) with an associated value (i.e., the second element)

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See github.com/douglascraigsschmidt/CPlusPlus/tree/master/STL/S-05/5.2