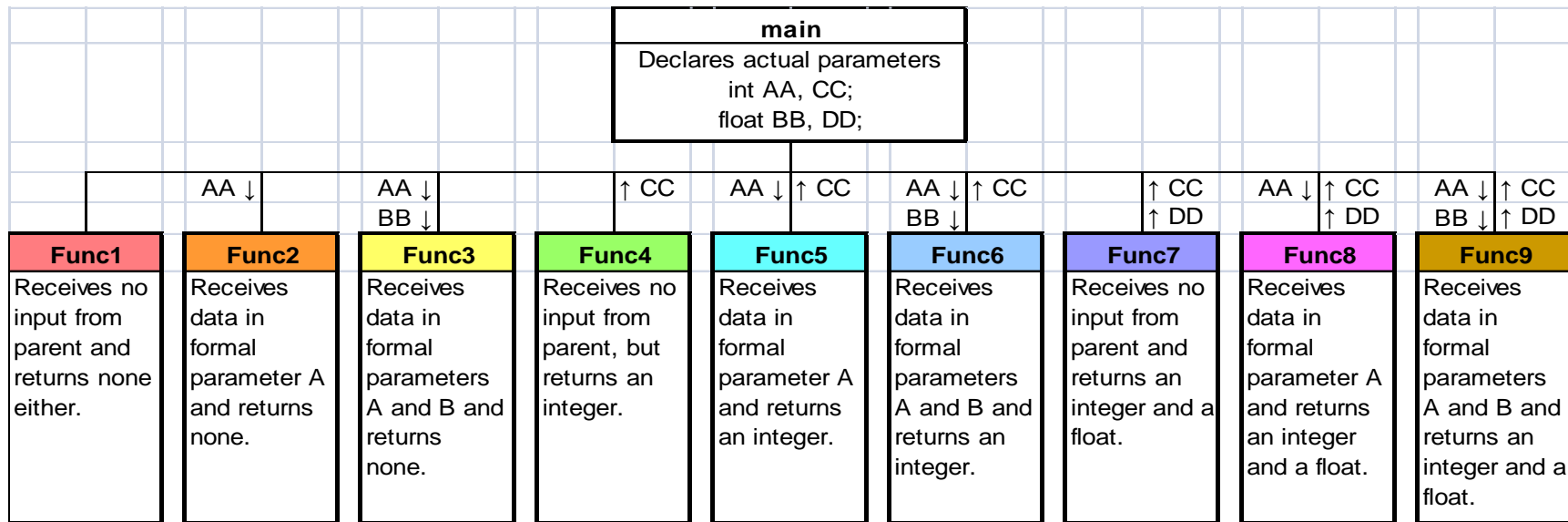


PARAMETER PASSING EXAMPLES

Readers who prefer or require a non-tabular version of this document should read the [code-based parameter passing examples](#). The method used to code parameter passing varies depending on the quantity of parameters and whether they are being passed into the function or returned from it. The structure diagram below shows nine functions that pass parameters in different ways. Atypically, the contents of the function boxes in this example describe data definition issues rather than the purpose of each function.



The table below illustrates the syntax used to declare and to call those function in C++.

| Output Parameters | Input Parameters | Syntax of the Function Header Declaration | Syntax of Calling Statement |
|-------------------|------------------|---|-----------------------------|
| 0 | 0 | void Func1 () | Func1 (); |
| 0 | 1 | void Func2 (int A) | Func2 (AA); |
| 0 | 2 | void Func3 (int A, float B) | Func3 (AA, BB); |
| 1 | 0 | int Func4 () | CC = Func4 (); |
| 1 | 1 | int Func5 (int A) | CC = Func5 (AA); |
| 1 | 2 | int Func6 (int A, float B) | CC = Func6 (AA, BB); |
| 2 | 0 | void Func7 (int *C, float *D) | Func7 (&CC, &DD); |
| 2 | 1 | void Func8 (int *C, float *D, int A) | Func8 (&CC, &DD, AA); |
| 2 | 2 | void Func9 (int *C, float *D, int A, float B) | Func9 (&CC, &DD, AA, BB); |