All parameters can be used in a named way, whether or not default parameters are used.

Argument placement, named parameters, mixed mode.

The parameter names are determined by the static type. However, the values are determined by the dynamic type.

Hence in the case where an overriden function uses the same names as the super function, but in a different order, the result will be confusing for objects with a different static and dynamic types.

Parameter names are exposed and part of the public API.

Scala 2.8.1 will probably include a way to deprecate old parameter names and introduce new ones.