Core issue 968: Disambiguating [[(revision 1)

Notes

In Santa Cruz we decided that the sequence "[[" should follow a max-munch principle and always be interpreted as the beginning of attributes. I don't think we discussed whether that meant:

- (b) having "[" in contexts that allow an attribute-specifier.

I decided to go with the former option, because we may want to allow attributes in more contexts in the future (e.g., in new-type-ids, as in the example of the proposed wording), and the only alternative—subscript expressions starting with a lambda-expression—are unlikely and can be parenthesized to avoid the conundrum.

The changes are against N3035.

Wording Changes

In 7.6.1 [dcl.attr.grammar] append the following paragraph:

Two consecutive left square bracket tokens shall appear only when introducing an attribute-specifier. [Note: If two consecutive left square brackets appear where an attribute-specifier is not allowed, the program is ill-formed even if the brackets match an alternative grammar production. —end note] [Example: