C++ User Group - Talk #1501

Fun with weird C++

2015-03-31 11:19 - Köppel, Sven

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Assignee:			**% Done:**	0%
Category:			**Estimated time:**	0.00 hour
Talk Author(s):			**Presenter:**	

Description

This is maybe something more for some ceremony like the last event before christmas.

Stackoverflow has collected some of the most weird and crazy (mostly operator) constructs of C(++). You quickly find such questions by sorting them by votes: http://stackoverflow.com/questions/tagged/c.

Examples:

- With C arrays, why is it the case that a[5] 5[a] ? A: Commutativity of the addition, due to a[b] *(a + b).
- Which is faster: while(1) or while(2)?
- How many levels of pointers can we have? - or perhaps the question when you didn't understood the concept of pointers
- Classic one: What is the name of the "-->" operator?
- Why doesn't GCC optimize a*a*a*a*a*a to (a*a*a)*(a*a*a)? - did you know: floating point math isn't associative!
- What is ":-!!" in C code?

There are also questions which are probably really of interest for the non-experts:

- Why is processing a sorted array faster than an unsorted array?
- Why is one loop so much slower than two loops?

Please append your proposals!