

# Compiler Construction

## The Cloud9 Overextension

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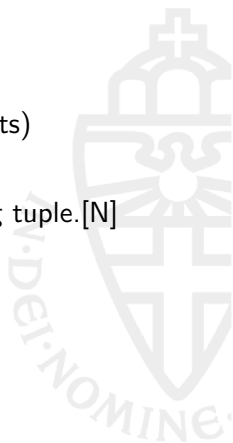
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- More complex data structures
- Makes it easier for the user
- More understandable programs
- We added 2 aspects to SPL



- Tuples with more than two items
- Can be arbitrarily large (within memory constraints)
- Size is known at compile-time
- The Nth item of a muple can be fetched by using tuple.[N]
- Do these really need their own slide?



- Similar to classes in OO languages
- Structs are user-defined
- Every struct has to have a constructor
- Structs have variables and functions
- Both can be called via the struct reference



- Muples are simply tuples with more memory space allocated to them
- Objects are not simply tuples with more memory space allocated to them



- Fixing all the other shaz
- Lars is a garbage programmer



## Fun Metrics

<b>LOC</b>	3616	4474	LOC is a bad metric
<b>Word count</b>	9684	12396	Just like these
<b>Character count</b>	98470	124002	That's the joke
<b>Slides made</b>	17	25	33
<b>Coffee consumed</b>	0	Still 0	We just don't drink coffee
<b>Sanity lost</b>	A bunch	Even more	About the same
<b>Experience</b>	Priceless	Priceless*2	Mastercard

# Questions ?

