

Offset Computation

(Blackboard Lecture)

CS 4447 / CS 9545 – Stephen M. Watt

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Offsets

- Discussed how offsets are used to locate
 - Variables in stack frames
 - Fields in structures
 - Fields in objects
 - Static variables in files
- Discussed how offsets are computed by
 - traversing scope levels
 - incrementing a frontier pointer with variable/field sizes
 - bearing in mind alignment constraints