

# SD: Design by Contract vs Design by Capability

Total points 10/10

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✓ When using design of contract, the compiler can \* 2/2

☒ check compliance



☐ guarantee compliance

✓ Since there's not much compiler support, design by capability requires \*2/2  
more rigorous \_\_\_\_

☐ coding

☐ documentation

☒ testing



☐ time

✓ We often use \_\_\_\_ and abstract classes when programming with design by \*2/2  
contract

☒ interfaces



☐ infrastructure

☐ delegation

☐ invariants

✓ Design by contract is mostly prevalent in languages that are \* 2/2

☒ statically typed ✓

☐ dynamically typed

☐ strongly typed

☐ weekly typed

✓ Design by capability is mostly prevalent in languages that are \* 2/2

☐ statically typed

☒ dynamically typed ✓

☐ strongly typed

☐ weekly typed

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