

# Leveraging Special Case Objects to Remove Null Checks

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# Summary



## Techniques to avoid null references

- Devise an object to replace null
- Null Object pattern
  - No behavior
- Special Case pattern
  - Narrowly focused behavior

# Summary



## Coding without nulls

- Use regular implementations for proper behavior
- Use Null Objects and Special Cases to replace null references

## Consequences

- Simple code
- No branching around null conditions
- All objects are treated the same
  - No alternate execution paths

***Next module -***

*Turning Optional Calls  
into Calls on Optional Objects*

