

How does the Java Observer/Observable work?

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The **Observer** pattern allows objects to monitor state changes in a subject object.

§ Given

- *An unknown number of objects are dependent on the state of a subject object*

§ Desired

- *Maintain consistent object state as subject state changes*
- *Provide isolation so that subject has no knowledge of specifics of dependent objects*

§ Solution

- *Observers register with subject object to be notified of changes in the subject*

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