The **visitor design pattern** is a way to separate an algorithm from the object structure it operates on, allowing new operations to be added to existing structures without modifying them directly. [It adheres to the open/closed principle, making it easier to extend functionality without altering existing code1](https://www.ionos.com/digitalguide/websites/web-development/visitor-pattern/).

Here are **five free reference links** where you can learn more about the visitor design pattern:

1. [**IONOS**: Provides explanations and examples of the visitor pattern, along with a graphical UML diagram and practical usage in PHP1](https://www.ionos.com/digitalguide/websites/web-development/visitor-pattern/). [Learn more](https://www.ionos.com/digitalguide/websites/web-development/visitor-pattern/)
2. [**GeeksforGeeks**: Offers a detailed explanation of the visitor pattern, including UML diagrams and code examples in Java](https://www.ionos.com/digitalguide/websites/web-development/visitor-pattern/)[2](https://www.geeksforgeeks.org/visitor-design-pattern/). [Learn more](https://www.geeksforgeeks.org/visitor-design-pattern/)
3. [**Baeldung**: Presents a Java example of the visitor pattern, demonstrating how to define new operations without modifying existing object structures](https://www.ionos.com/digitalguide/websites/web-development/visitor-pattern/)[3](https://www.baeldung.com/java-visitor-pattern). [Learn more](https://www.baeldung.com/java-visitor-pattern)
4. [**Visual Paradigm**: Provides a tutorial on applying the visitor pattern using a class diagram and practical steps](https://www.ionos.com/digitalguide/websites/web-development/visitor-pattern/)[4](https://www.visual-paradigm.com/tutorials/visitordesignpattern.jsp). [Learn more](https://www.visual-paradigm.com/tutorials/visitordesignpattern.jsp)
5. [**HowToDoInJava**: Offers a Java example with code snippets for implementing the visitor pattern](https://www.ionos.com/digitalguide/websites/web-development/visitor-pattern/)[5](https://howtodoinjava.com/design-patterns/behavioral/visitor-design-pattern-example-tutorial/). [Learn more](https://howtodoinjava.com/design-patterns/behavioral/visitor-design-pattern-example-tutorial/)

Feel free to explore these resources to deepen your understanding of the visitor design pattern! 🚀