

# **JavaScript Front-End Web App Tutorial Part 4: Managing Unidirectional Associations**

**Learn how to manage unidirectional  
associations between object types,  
such as the associations assigning  
publishers and authors to books**

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# JavaScript Front-End Web App Tutorial Part 4: Managing Unidirectional Associations: Learn how to manage unidirectional associations between object types, such as the associations assigning publishers and authors to books

by Gerd Wagner

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This tutorial is also available in the following formats: PDF [[unidirectional-association-tutorial.pdf](#)]. You may run the example app [[UnidirectionalAssociationApp/index.html](#)] from our server, or download it as a ZIP archive file [[UnidirectionalAssociationApp.zip](#)]. See also our Web Engineering project page [<http://web-engineering.info/>].

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