



Image: Chris Brignola, <https://unsplash.com/chrisbrignola>

Eclipse Modeling Framework (EMF) Tutorial

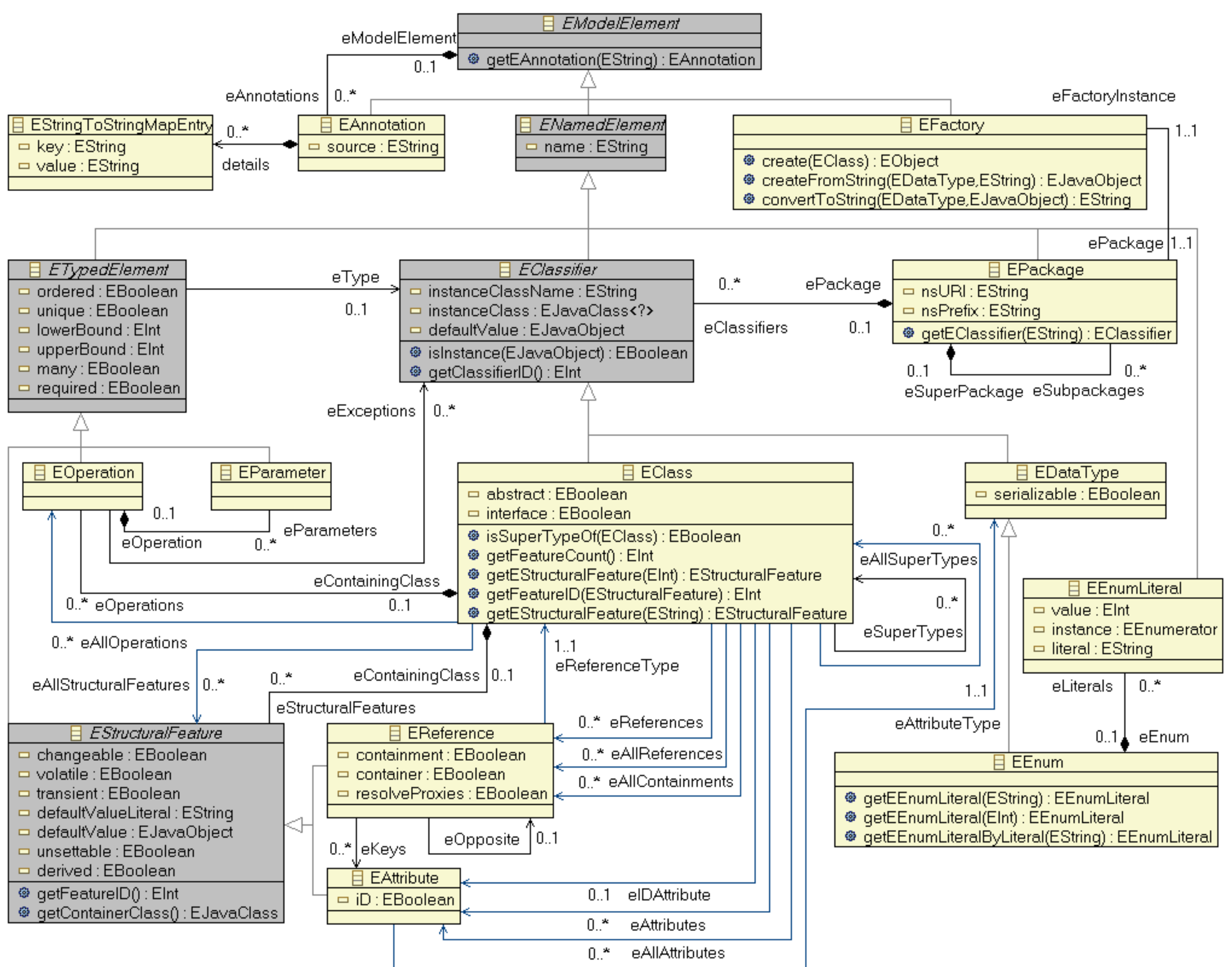
Matthias Schöttle

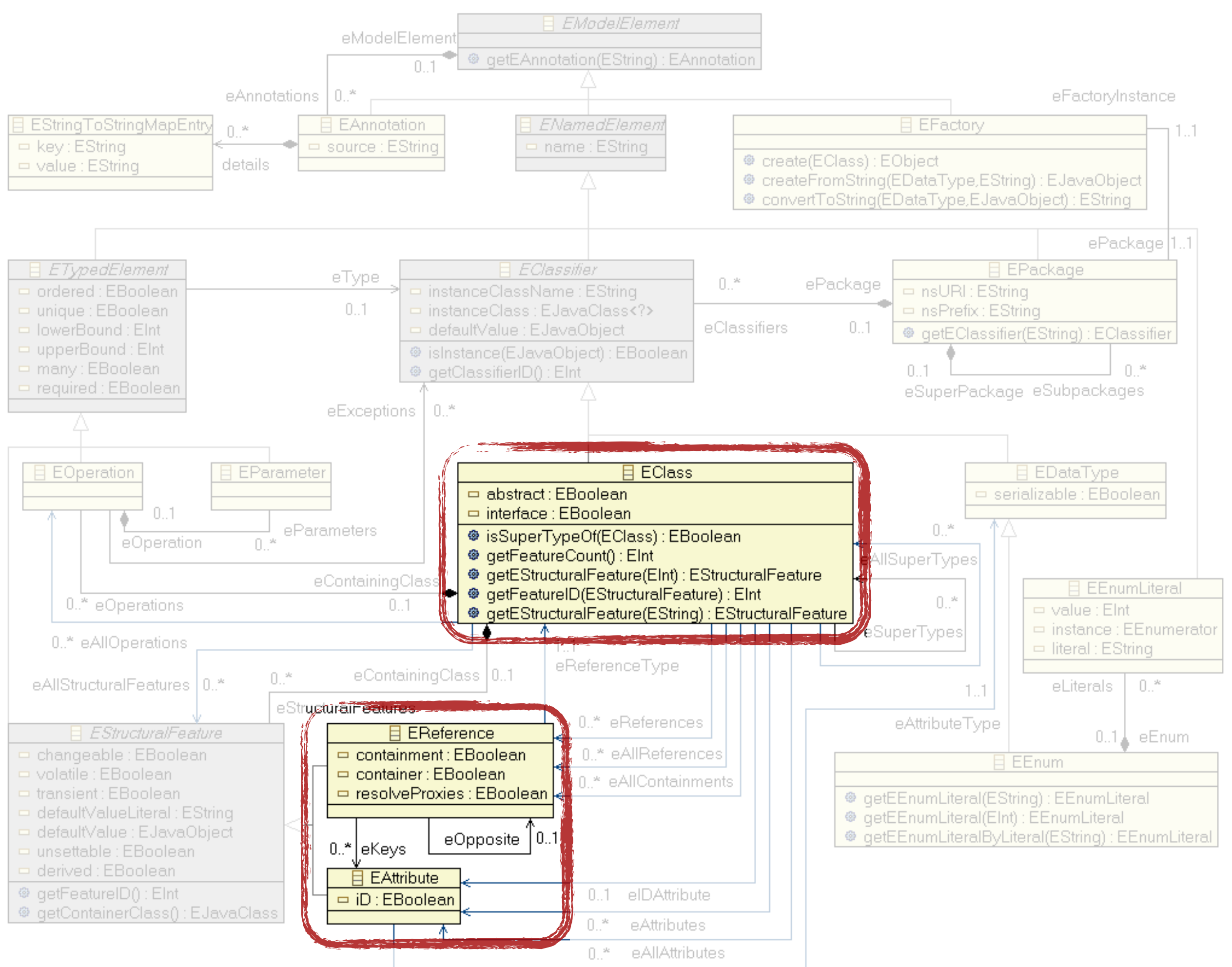
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“The EMF project is a modeling framework and code generation facility for building tools and other applications based on a structured data model. [...]”

–EMF Project Website, eclipse.org/emf





EMF: Brief Overview

Create structured data models (model-driven)
from scratch, XSD, Java, ...

Based on Ecore

Editing Support for your models

Interoperability with XML Metadata Interchange (XMI)

Generate high-quality code

Various tools build on EMF

EMF: Requirements



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Download latest Eclipse Modeling Tools: www.eclipse.org

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Done.

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Done.

“What if I already have Eclipse (different package)?”

EMF: Requirements



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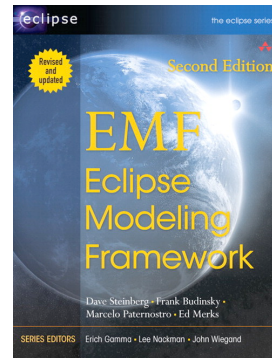
Done.

“What if I already have Eclipse (different package)?”

Install EMF —Eclipse Modeling Framework SDK, and...

EMF: Resources

EMF Book, 2nd ed. (2009)
by Ed Merks et al.



Eclipse Forums:

<https://www.eclipse.org/forums/index.php/f/108/>

Eclipse Wiki:

https://wiki.eclipse.org/Eclipse_Modeling_Framework

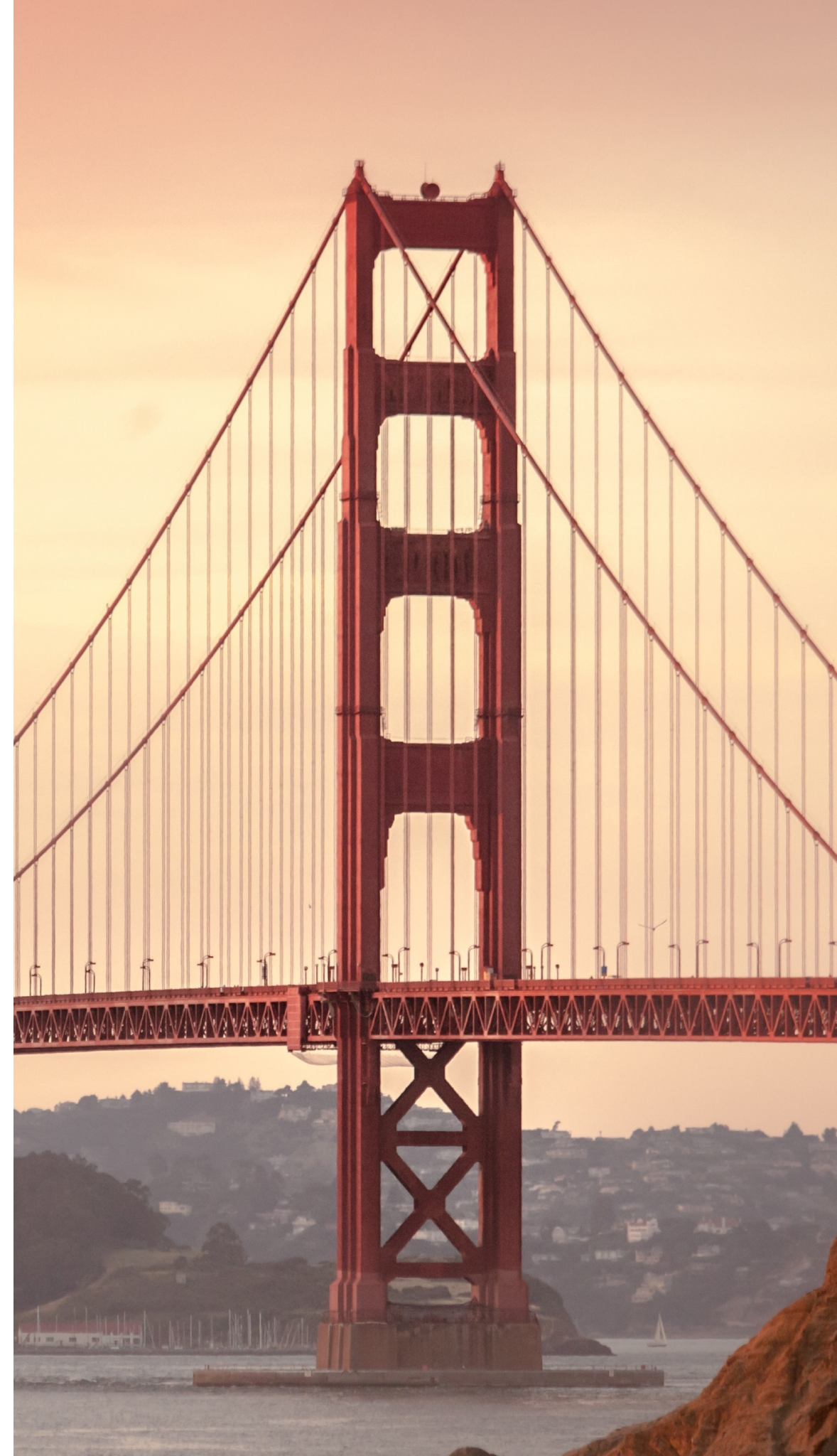
EMF Documents:

<https://www.eclipse.org/modeling/emf/docs/>

More Tutorials:

<http://www.vogella.com/tutorials/EclipseEMF/article.html>

<https://eclipsesource.com/blogs/tutorials/emf-tutorial/>



Get the tutorial material

GitHub:

<https://github.com/mschoettle/emf-tutorial>

