

## Who is who in the world of software development

Names mentioned in this course (Alphabetically ordered):

- **Christopher Alexander:**

An architect

He created (with Ishikawa and Silverstein) a pattern language for Architecture.

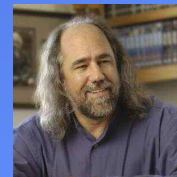
His work has influenced pattern movement in the world of software design.

Web: <http://www.patternlanguage.com/leveltwo/ca.htm>



- **Grady Booch:**

Developer of the UML, with Ivar Jacobson and James Rumbaugh. They are called "Three Amigos".



- **Edsger Wybe Dijkstra (1930-2002):**

Dutch computer scientist.

Contributions to computer science:

The shortest path algorithm (Dijkstra's algorithm), Reverse Polish Notation; the THE multiprogramming system; Banker's algorithm; the semaphore construct; deprecation of the GOTO statement "A Case against the GO TO Statement".

<http://www.cs.utexas.edu/~EWD/>



photo ©2002 Hamilton Richards)

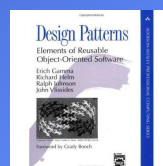
- **Erich Gamma:**

Co-author of the famous book, Design Patterns.

One of the gang of four (GoF).

<http://c2.com/cgi/wiki?ErichGamma>

<https://github.com/egamma>



- **Richard Helm:**

One of the *Gang of Four*.  
Co-author of the book *Design Patterns*.  
<http://c2.com/cgi/wiki?RichardHelm>



- **Ralph E. Johnson:**

One of the *Gang of Four*.  
Co-author of the book *Design Patterns*.  
[https://en.wikipedia.org/wiki/Ralph\\_Johnson\\_\(computer\\_scientist\)](https://en.wikipedia.org/wiki/Ralph_Johnson_(computer_scientist)) /



- **Ivar Jacobson:**

Major contributor to UML, Objectory, RUP and aspect-oriented software development.  
Inventor of use cases.  
Jacobson, Grady Booch and James Rumbaugh, are known collectively as the *Three Amigos*.  
<http://www.ivarjacobson.com/>



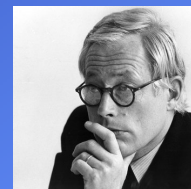
- **Philippe Kruchten:**

Director of Development of the Rational Unified Process.  
Home page: <http://philippe.kruchten.com/>



- **Dieter Rams:**

A German industrial designer .  
Served as head of design for Braun A.G  
Known with principles of good design.



- **James Rumbaugh:**

Contributor to the Object Modeling Technique (OMT) and the Unified Modeling Language (UML).  
One of the three amigos.  
[https://en.wikipedia.org/wiki/James\\_Rumbaugh](https://en.wikipedia.org/wiki/James_Rumbaugh)



- **Bjarne Stroustrup:**

Creator of the C++ programming language.

Home page: <https://www.stroustrup.com/>



- **John Vlissides (1961-2005):**

#4 of the Gang of Four.

Co-author of the book Design Patterns.

<http://c2.com/cgi/wiki?JohnVlissides>



- **The Gang Of Four 1994**



Johnson

Gamma

Helm

Vlissides

• **Three Amigos**



Booch



Rumbaugh



Jacobson

