Who is who in the world of software development

Names mentioned in this course (Alphabetically ordered):

• **Christopher Alexander:**

An architect

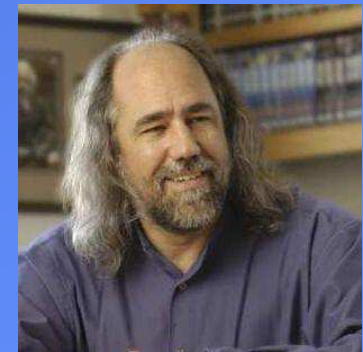He created (with Ishikawa and Silverstein) a pattern language for Architecture.

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

- **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.

  http://st-www.cs.illinois.edu/users/johnson/

- **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/
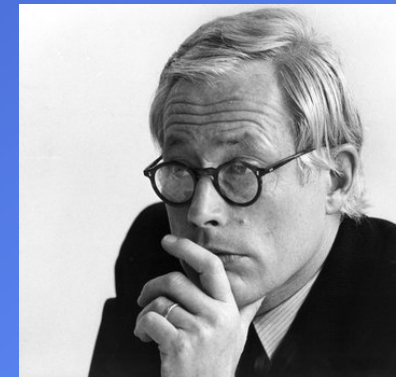
- **Dieter Rams:**

  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.

  Home page: http://www2.research.att.com/~bs/

- **Bjarne Stroustup:**

Creator of the C++ programming language.

Home page: http://www2.research.att.com/~bs/

- **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   Vlisides

- **Three Amigos**

Booch   Rumbaugh   Jacobson