

Desenvolvimento de Software - Nivel Intermediário

O desenvolvimento de softwares com características científicas possui peculiaridades e dificuldades que direcionam a equipe da ESSS a utilizar uma metodologia própria que incorpora o melhor das metodologias consagradas do mercado.

.....> C++

- Exceptional C++: 47 Engineering Puzzles, Programming Problems and Solutions, Herb Sutter
>>Amazon.com: Books: Exceptional C++: 47 Engineering Puzzles, Programming Problems, and Solutions
- More Exceptional C++, Herb Sutter
>>Amazon.com: Books: More Exceptional C++
- Effective C++: 50 Specific Ways to Improve Your Programs and Design (2nd Edition), Scott Meyers
>>Amazon.com: Books: Effective C++: 50 Specific Ways to Improve Your Programs and Design (2nd Edition)
- Effective STL: 50 Specific Ways to Improve Your Use of The Standard Template Library, Scott Meyers
Amazon.com: Books: Effective STL: 50 Specific Ways to Improve Your Use of the Standard Template Library

.....> Programação Orientada Objetos

- Design Patterns, Erich Gamma, Richard Helm, Ralph Johnson & John Vlissides
>>Amazon.com: Books: Design Patterns

.....> Programação Genérica

- Generic Programming and the STL: Using and Extending the C++ Standard Template Library, Matthew H. Austern
>>Amazon.com: Books: Generic Programming and the STL: Using and Extending the C++ Standard Template Library

.....> Scientific Programming

- Scientific and Engineering C++: An Introduction With Advanced Techniques and Examples, John J. Barton & Lee R. Nackman
>>Amazon.com: Books: Scientific and Engineering C++: An Introduction With Advanced Techniques and Examples
- Numerical Recipes in C: The Art of Scientific Computing, William H. Press et al.
>>Amazon.com: Books: Numerical Recipes in C : The Art of Scientific Computing
- Techniques for Scientific C++, Todd Veldhuizen
>>Techniques for Scientific C++
- C++ Programming for Scientists, Roldan Pozo & Karin Remington
>>NIST Course on C++ Programming for Scientists
- Numerical C++ Forum & References
>>www.oonumerics.org