High Performance Computing, an open textbook

Content Type: *

Resource

Select whether this is a course or a resource.

Title: *

High Performance Computing, an open textbook

Short Title/Course Code:

URL: *

hpc-opentextbook

This is the url that will be used for this page.

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Description:

The purpose of this book is to teach new programmers and scientists about the basics of High Performance Computing. Too many parallel and high performance computing books focus on the architecture, theory and computer science surrounding HPC. This book speaks to the practicing chemistry student, physicist, or biologist who need to write and run their programs as part of their research.

High Performance Computing, originally published by O'Reilly–but out of print since 2003, has been republished on Connexions. Book author Charles Severance, with his editor Mike Loukides, worked with O'Reilly to release the book under a CC-BY license, then coordinated with the Connexions staff to republish it.

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- Web page addresses and e-mail addresses turn into links automatically.
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Keywords:

computing, programming, python, software development

A comma-separated list of terms describing this content. Example: funny, bungee jumping, "Company, Inc.".

Course Information (#group_course_information)

Course Image (#group_course_image)

Ownership (#group_ownership)

Workflow (#workflow)

Menu settings
Not in menu
(#menu)

Academic Unit:

Scholarly Publishing Office [nid:383]

Select the parent *academic unit*.

Education Level:

- None -
Undergraduate
Graduate
Non Credit

Course Structure:

Course Term:

Revision information
New revision
(#revision_information)

Node Weight (#weight_form)

Creative Commons License
(#creativecommons)

Authoring information
By piet on 2010-03-22 15:57:08 -0400
(#author)

Publishing options
Published
(#options)

URL redirects
No redirects
(#path_redirect)

– None –
The term the course was taught in.

Course Year:
2010
The year the course was taught in.

Course Instructor:

Course Download Display: *
Yes
No
Show the "Download the full course resources" link for this course.

Course Featured on Main page:
Yes
No
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