

[Docker: open container system for developers and sys admins](#) [1]



Submitted by [fils](#) on Tue, 2014-10-14 09:44 Tuesday, January 6, 2015 - 13:30 to 15:00

Event: [Winter Meeting 2015](#) [2]

Session Type: [Breakout](#) [3]

Expertise Level: [Beginner](#) [4]

Abstract/Agenda:

Docker (<http://www.docker.com> [5]) is popular new technology for building distributed applications. It provides a portable, lightweight way of packaging applications so they can be quickly and reliably deployed across different environments. An overview of the Docker container software and its use in various devops style patterns will be presented. The creation of containers and their deployment to remote servers will also be shown. Docker will be compared and contrasted to more common virtual machine approaches in order to better illustrate the conditions in which each are more appropriate.

Session Leads:

Name: [Douglas Fils](#) [6]

Organization(s): [Consortium for Ocean Leadership](#) [7]

Email: dfils@oceanleadership.org [8]

Presenters:

Name: [Douglas Fils](#) [6]

Organization(s): [Consortium for Ocean Leadership](#) [7]

Email: dfils@oceanleadership.org [8]

Creative Common License: Creative Commons Attribution 3.0 License

Teaser: Docker: lightweight containers for developers and sysadmins

Accepted:

Keywords: [docker](#) [9]

[containers](#) [10]

[virtualization](#) [11]

[devops](#) [12]

Source URL: <http://commons.esipfed.org/node/2729>

Links:

[1] <http://commons.esipfed.org/node/2729>

[2] <http://commons.esipfed.org/2015WinterMeeting>

[3] <http://commons.esipfed.org/session-type/breakout>

[4] <http://commons.esipfed.org/taxonomy/term/260>

[5] <http://www.docker.com>

[6] <http://commons.esipfed.org/node/1291>

[7] <http://commons.esipfed.org/taxonomy/term/597>

[8] <mailto:dfils@oceanleadership.org>

Docker: open container system for developers and sys admins

Published on Commons (<http://commons.esipfed.org>)

[9] <http://commons.esipfed.org/taxonomy/term/1512>

[10] <http://commons.esipfed.org/taxonomy/term/1513>

[11] <http://commons.esipfed.org/taxonomy/term/1514>

[12] <http://commons.esipfed.org/taxonomy/term/1515>