

Testing HDF-Java Release Packages

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This document provides instructions for testing the HDF-Java release packages. Testing the release packages is part of the final steps in the HDF-Java release procedure. For the details of the release procedure, please see

<https://www.hdfgroup.uiuc.edu/RFC/HDF5/hdf-java/HDF-Java-release-procedure.pdf>.

1 Instructions

The HDF-Java products are tested on daily basis. The purpose of this test is to ensure that the release packages work fine.


1.1 Steps for Testing HDFView


- A) Download and install HDFView from <http://www.hdfgroup.org/ftp/HDF5/hdf-java-2.7/hdfview/>

- B) Run HDFView and you should see the icons on the menu bar




- C) Click “Help” → “About” and make sure the version number is 2.7


- D) Click  and you should see HDF5 1.8.6

- E) Click  and you should see HDF 4.2.5


- F) Click  and you should see HDFView user’s guide in your web browser

- G) Click , open \$HDFVIEW_HOME/ samples/hdf5_test.h5, and expand all folders

- a) Double click  2D float array and you should see the content of the dataset

- b) Double click  Iceberg and you should see the image

- H) Click , open \$HDFVIEW_HOME/ samples/annras.hdf

- a) Double click  Raster Image #0 and you should see the image

- b) Double click  Raster Image #1 and you should see the image

1.2 Steps for Testing the Source

- A) Download and extract the source tar file, hdf-java-2.7-src.tar, from <http://www.hdfgroup.org/ftp/HDF5/hdf-java-2.7/src/>
- B) For unix or mac machines, use the example Config/config.sh file
 - a) At hdf-java/ directory, do “cp Config/config.sh .”
 - b) Edit config.sh for your platform
 - c) Run “config.sh; make; make install; make check”
 - d) Make sure all tests passed
- C) For Windows, follow instructions at <http://www.hdfgroup.org/ftp/HDF5/hdf-java-2.7/src/>

2 Platforms and Testers

<i>Platform</i>	<i>What to test</i>	<i>Who</i>
<i>Windows 32-bit</i>	<i>HDFView</i>	<i>Peter</i>
<i>Windows 64-bit</i>	<i>HDFView</i>	<i>Allen</i>
<i>Windows 64-bit</i>	<i>Source</i>	<i>Allen</i>
<i>Linux 32-bit (jam)</i>	<i>HDFView</i>	<i>Peter</i>
<i>Linux 32-bit (jam)</i>	<i>Source</i>	<i>Peter</i>
<i>Linux 64-bit (amani)</i>	<i>HDFView</i>	
<i>Mac OS X 32-bit (tejeda)</i>	<i>HDFView</i>	<i>Peter</i>
<i>Mac OS X 64-bit</i>	<i>HDFView</i>	
<i>Solaris 32-bit (linew)</i>	<i>HDFView</i>	
<i>Solaris 64-bit (linew)</i>	<i>HDFView</i>	