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Pack/unpack sample

This feature is present in ADCI v1.5 or newer

In the event a sample must be moved from one computer to another, multiple components of the sample must be transferred to the destination computer. Sample packing/unpacking provides functionality to simplify this process.

Sample components

Saved sample file

This file is created when a sample is processed and has extension ".adcisample". By default it is found in the ADCI data directory specified during installation. It contains - among other things - the status (other object, monocentric chromosome, dicentric chromosome) of all objects found within each image in the sample. This file is required when including the sample in calibration curve generation or dose estimation. This is the only sample component necessary to use ADCI if viewing images in the metaphase image viewer is not required.

Contour files

A component of a processed sample which are necessary to draw the colored outlines around chromosomes seen in the metaphase image viewer. If contour files are not present, images will not appear in the metaphase image viewer.

Image files

Images which were examined during sample processing. If image files are not present, images will not appear in the metaphase image viewer.

Pack (export) sample

Sample ID

Cannot be modified. ID of sample to be packed.

Description

Description of the sample as specified when the sample was created. The description can be modified at this time if desired. When the sample is packed, the description saved within the packed sample will consist of the content found in the description text box here.

Contour files status / Metaphase images status

If ADCI cannot locate either of these sample components, the status of the missing component is "missing", otherwise it is "found".

Pack Sample As Folder

Click "Specify Folder" to choose a file-

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system location where the packed sample will be saved. A new directory named "[ID of sample]pack" will be automatically created within the chosen directory to house the packed sample.

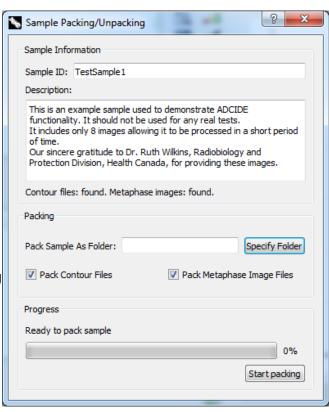
Pack Contour Files

Specify whether to include contour files in the packed directory. Consult the "Sample components" heading above for more information on this sample component. Contour files are included by default.

Pack Metaphase Image Files
 Specify whether to include metaphase image files in the packed directory.
 Consult the "Sample components" heading above for more information on this sample component. Metaphase image files are included by default.

Progress

When the "Start packing" button is clicked, this progress bar will fill as components are copied to the specified directory.



Move packed sample to destination

The packed sample directory must be moved to the destination computer. This can be accomplished simply by moving the directory using a USB stick or other transfer device. It may be desirable to compress (ie: zip) the packed sample before moving it. Note if a packed sample is compressed, ADCI cannot automatically uncompress it after it is moved to the destination computer, it must be uncompressed first before unpacking.

Unpack (import) sample

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