



Clipstream

Playerless video and audio streaming

Clipstream™ Video 2.2 Technical Guide – Section 10 Small / Lite Applets

Disclaimer: All content presented herein is subject to change without notice and is deemed as accurate as possible at time of publication. Please consult with Clipstream™ Video Support at <http://clipstream.com/help/> for clarification if you encounter any erroneous or inconsistent material in this document.

© 2000, 2001, 2002 Destiny Media Technologies, Inc. All Rights Reserved. Clipstream, AudioClipstream, Clipstream Email, Bannerstream, Clipstream AudioMail and VideoClipstream are trademarks of Destiny Software Productions, Inc. All other trademarks are the property of their respective owners.

Section 10 - Small / Lite Applets

Implementing the Lite Applets.....	10-1
Small / Lite Applet Descriptions.....	10-2
Clipstream Video Lite Applet	10-2
Clipstream Video CAB Applet.....	10-2
Clipstream Video Lite CAB Applet.....	10-2
DsLoader Minimum Load Applet	10-3

Small / Lite Applets

Frequently there are situations that require a smaller applet to be used for web, email or banner ad delivery. Clipstream Video provides three optional applets that are optimized for particular situations. Take note that all of these small or lite versions do not contain the complete feature set as found in the regular Clipstream Video applet.

NOTE: Lite applets are not included in normal distribution. Please contact your Clipstream Account manager to obtain these specialized applets.

Implementing the Lite Applets

Implementing the lite applets is fairly simple for all versions. In addition to making sure that the new applet is uploaded to the appropriate place on your server, you will also need to make a simple change to the applet opening tag. For instance, if you were implementing the Clipstream Video Lite applet, the opening tag would need to be changed from:

```
<applet MAYSCRIPT  
CODEBASE="http://www.yoursite/medialocation/"  
archive="videoclipstream.zip" code="videoclipstream.class"  
alt="Clipstream Video Seek" name="VCSPlayer" width=320  
height=256>
```

to

```
<applet MAYSCRIPT  
CODEBASE="http://www.yoursite/medialocation/"  
archive="videoclipstreamlite.zip" code="videoclipstream.class"  
alt="Clipstream Video Seek" name="VCSPlayer" width=320  
height=256>
```

Notice that the archive statement has been changed from videoclipstream.zip to videoclipstreamlite.zip. Nothing else needs to change in the applet code. Again, note that the lite applets do not support a full feature set. See the descriptions below for clarification.

NOTE: DSLoader requires further changes to the applet code. See below.

Small / Lite Applet Descriptions

Clipstream Video Lite Applet

videoclipstreamlite.zip

Size: 35 KB

Description: Function limited version of the applet in a smaller package

Sample:

http://videoclipstream.com/akamai/testclips/binding/lite_applet.html

Feature and Parameters not supported in the lite applet are as follows:

PanelXXX
BackgroundImage
SeekXXX
VideoHyperlinkTarget
AuthorizedDomainURL
VideoHyperlinkXX (one link only using VideoHyperlink with no number)
VideoHyperlinkSize
VideoEdgeColor
VideoEdgeWidth
Secured clips

Clipstream Video CAB Applet

videoclipstream.cab

Size: 37 KB

Description: A full-featured smaller applet file for IE/AOL only

Clipstream Video Lite CAB Applet

videoclipstreamlite.cab

Size: 28 KB

Description: Function limited version of the applet in a smaller package for IE/AOL only

Feature and Parameters not supported in the lite cab applet are as follows:

PanelXXX
SeekXXX
BackgroundImage
VideoHyperlinkTarget
AuthorizedDomainURL
VideoHyperlinkXX (one link only using VideoHyperlink with no number)
VideoHyperlinkSize
VideoEdgeColor
VideoEdgeWidth
Secured clips

DsLoader Minimum Load Applet

DSLoader.class

Size: 5kb

Description: Loads the bare minimum componentry in an ultra small package. Rest of applet is downloaded when play is initiated. Note that overall applet size is greater in this scenario, but the initial download is smaller. This satisfies many banner placement requirements.

The Clipstream 6 KB applet loads quickly and can launch the video through autoplay or user click to start. Applet load is much faster but the video will take a bit longer to start for modem users. The advantage is a lighter, faster page load and that modem users see 'the grey box' for less time.

Sample: <http://www.videoclipstream.com/akamai/testclips/dsLoader.html>

Implementation:

1. Upload DSLoader.class to your server.
2. Unzip the videoclipstream.zip and upload the classes to your server.
3. In the applet tag change code="DSLoader.class" (*from videoclipstream.class*)
4. Remove archive="videoclipstream.zip"
5. Add <param name="loaderApplet" value="videoclipstream">
Optional <param name="loaderImage" value="image.gif or .jpg">
6. Add <param name="loaderAutoLoad" value="true/false"> *default is 'false'*

NOTE: dsloader is version specific and not all dsloader classes work with all applets.