DMA provides a remotely accessible service for rendering files created in a variety of software: Autodesk Maya, Blender, Adobe AfterEffects, Adobe Premiere and ffmpeg. The service allows you to transfer your files to DMA storage, and render the files remotely on DMA computers. After rendering, saved render frames can be downloaded.

For assistance with install, please contact Israel Gutierrez: issag@arts.ucla.edu

#### 1. Make sure you can access remote render storage

Go to the <u>cloud.dma.ucla.edu</u> website and login with your DMA username and password. You should see something that looks like this:



The 'Deadline Renders' folder is where you want to go for your render data.

### 2. download the certificate and Deadline Client

### Download the certificate

From cloud.dma.ucla.edu, go to 'Deadline Renders' and download the

'Deadline10RemoteClient.pfx' file. Save this to a place on your computer where it won't move or get deleted. This certificate is always required to connect to Deadline.



## Download the client

From <u>cloud.dma.ucla.edu</u>, go to 'Deadline Renders/DeadlineClientInstallers' and download the .exe installer for windows.



#### 3. install the Deadline Client

a. Double click on the Deadline installer to begin.



## b. Accept the EULA.



c. Use the default install location.



## d. Select 'Client' for installation type.



e. Use 'Remote Connection Server' for the connection type.

🕝 Setup	-	□ ×
Deadline Setup		
The Repository Connection Type that Deadline will connect to.		
(Recommended) Remote Connection Server		
Select this option if you are connecting to a Remote Connection Server.		
O Direct Connection		
Select this option if you are connecting to a repository using the file system.		
You can change the connection type at any time after installation.		
Jacketto, States		
Installoulder		
< Back	lext >	Cancel

f. Use render.dma.ucla.edu::4433 for the server address.

🥝 Setup		-	×
Deadline Setup			0
The hostname or IP address and the port used to communicate with a remo	te ser	ver.	
Server Address render.dma.ucla.edu:4433			
InstallDuilder			
installbuilder		Nexts	ancel
< Baci	•	ext	ance

 g. Click the button next to the 'Client Certificate' box and select the certificate from your computer. Leave the password box blank.

🍞 Setup			-	□ ×
Deadline Setup				
The RCS Client TLS cer installation in the "cert Leave blank if the Rem	ificate (Deadline10RemoteClient.p s" folder (on the machine where t ote Connection Server does not re	nfx). By default, it can be ne Remote Connection quire client authenticat	found in the l Server setup wa on.	Deadline Client as performed).
This is not the same as	the certificate that is used for the	Deadline Database (Dea	dline10Client.p	ofx).
RCS TLS Certificate	\Deadline Renders\Deadline100	lient.pfx		
The password for the o and does not require a	lient certificate specified above, if password.	required. Leave blank if	the PFX file is i	not encrypted,
Certificate Password				
InstallBuilder				
		< Back	Next >	Cancel

h. Select 'Block Remote Control'.



i. Uncheck boxes for 'Launch Worker...' and 'Install Launcher...'

🌶 Setup				-	□ ×
Deadline Launcher S	Setup				()
The Launcher allows	for remote communicati	on between Deadline	Clients.		
Launch Worker	When Launcher Starts				
Install Launche	r As Service (requires acc	ount with network ac	cess)		
User Name					
Password					
InstallBuilder ———			< Back	Next >	Cancel

j. Select 'Block auto upgrade via...'.

🥖 Setup		-		×
Block Auto Update Override			I	
Auto upgrade is a feature of Deadline that permits Deadline to u Although useful, we recommend customers block this feature u	pgrade itself base nless they need it	ed on files in t t as this increa	he repos ses secu	itory. Irity.
Block auto upgrade via a secure setting. (Recommended)				
This option disables auto upgrade on this install, ignoring a	ny auto upgrade	settings in the	e reposit	ory.
🔿 Use the repository settings to determine if auto upgrade is e	nabled.			
This will use the repository (and the local override setting, in or disabled. Note that the user performing the upgrade will install directory.	f any) to determin need write perm	ne if auto upg issions to the	rade is e Deadline	nabled e Client
InstallBuilder	< Back	Next >	Ca	ncel

k. setup complete, click on Next to proceed.

🕢 Setup		-	□ ×
Ready to Install			
Setup is now ready to begin installing Deadline Client on your computer.			
InstallBuilder			
<	Back	Vext >	Cancel

...click next to finish the installation.

# 4. setup your local render folder

Make a folder called "Deadline Renders" on your Desktop. Inside the new "Deadline Renders" folder make another folder named with your DMA username. All source files for your renders, project files, and associated media must be placed there.



# 5. setup your remote render folder

Navigate to the 'Deadline Renders' folder on cloud.dma.ucla.edu. Use the "+" button at the center top of the page to make a new folder inside "Deadline Renders" that has a name that matches the one you made for your local "Desktop/Deadline Renders" folder. The names must match exactly.

Gime 📮 Q				۹	£ 🗄 💽
All files	≝	All files > Deadline	Renders + New		:
Personal Files					
• Recent		DeadlineClientInstallers	1 Upload files	1.2 GB	last week
★ Favorites		DeadlineRepository10		2.3 GB	5 hours ago
Shares ^		dmo-DeadlineRepositor	Add folder description	8.5 GB	5 hours ago
Shared with others		examples	<ul> <li>New folder</li> <li>+ Create new templates folder</li> </ul>	279.3 MB	7 minutes ago
Shared by link		jonathancecil	New text file		3 weeks ago
Deleted shares		nacdonald			3 weeks ago
♣ Pending shares		SAVE-1st_try_renard		11.6 GB	5 hours ago
📮 External storage		Deadline10RemoteClient			4 days ago
O B of 1 MB used					
Files settings					