_SimpleCMD_QubeFrameRangeWithChunk

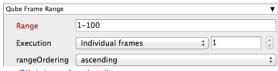| Qube Frame Range		▼
Range	1-100	
Execution	Individual frames ⇳	1 ⇳
rangeOrdering	ascending	⇳

⌄ Click here for details...

Range
Frame range for the job (e.g 1-100, or 1-100x3, or 1,3,7,10)

Most jobs require a frame range to execute on the workers. You can set this range in a few different ways :

- "1-100" will just render the range between 1 and 100
- "1-100x3" will render the range 1 to 100, every third frame, so 1, 4, 7, etc.
- "1,3,7,10" will only render the selected frames 1,3,7,10

Execution
How to break up frame range to be executed. Use QB_START_FRAME, QB_END_FRAME and QB_FRAME_NUMBER

When submitting a job to the farm it may be more efficient to "chunk" your job. This means that when the job is sent to the worker it tells the worker to render N consecutive frames before requesting more work. You would do this to keep from reopening the scene file for each frame. Large scene files can take substantial time to open, which is wasteful across dozens or hundreds of frames.

The drop down options are below:

- "Individual frames" this tells the worker to render 1 frame at a time.
- "Chunks with n frames" this tells the worker to render consecutively the number of frames specified in the field.
- "Split into n partitions" this tells the worker to render consecutively the total frames in the range divided by the number in the field.

Examples:

- range 1-100 with "individual frames" set will render 1 frame at a time
- range 1-100 with "Chunks with n frames" and the field set to 5 will send 20 frames to each instance
- range 1-100 with "Split into n partitions" and the field set to 4 will send 25 frames to each instance

rangeOrdering
Order to render the items.
(Ascending=1,2,3,4,5...,Descending=10,9,8...,Binary=first,middle,last...)

You can set the order in which your frames are rendered. The drop down options are:

- "Ascending" - this will render the frames counting upwards from your start frame
- "Decending" - this will render the frames counting backwards from your end frame
- "Binary" - This will render the first, last, and middle frames of the range, then the middle frame of the first half and the middle frame of the second half, and so on. This is useful for sampling the frames in the sequence to make sure it is rendering correctly.