Element loading approach →	Basic approach: 1. Load all elements directly	Sleep approach: 1. Apply sleep (0.1 seconds) 2. Load a batch of element,	Await JS approach: 1. Await JS and wait for reply 2. Load a batch of element,
BEFORE CONNECTION	Slow page load,Large document size	Does not fix the issueAdds delay instead	HANGS THE PAGE!!!DO NOT USE!!!
Recommended Approach	 Show as many elements as possible if time permits, because it is better than after-connection loading At the very least, populate enough elements to have something on the screen immediately, scrolling otherwise 		
AFTER CONNECTION 1. Show spinner 2. Load data 3. Remove spinner	 One single large lag spike. Spinner stops spinning. All the data is ready at once. 	 Several small lag spikes Browser chokes more and more as DOM tree grows, but server delay remains constant. As such, spinner stutters more and more But this is agnostic to network delay 	 Several small lag spikes Browser chokes more and more as DOM tree grows, server waits for browser. As such, spinner stuttering remains constant (mostly) But higher the network delay, slower the loading
Recommended Approach	→ For small amounts of data, loading at once is better than the overhead with multiple batches	 → For medium amounts of data, where the DOM tree doesn't grow a lot, sleep in-between batches can suffice → Or, for poor network delay situations 	 → For large amounts of data, where the DOM tree grows so much, handling each message takes more than 0.1 seconds → And, for low network delay situations

Element definition approach →	Basic approach: 1. Load all elements directly	Simple Custom Element: 1. Custom Vue Component	Advanced Custom Element 1. Custom Vue Component 2. Attach IntersectionObserver
PROS	 Maintain access to NiceGUI features (value binding, etc.) 	Reduce sent document size	Reduce sent document sizeReduce DOM element count
CONS	 Large DOM element count More browser JS workload (esp. for nested elements) 	 Lose access to NiceGUI features (value binding, etc.) Harder to develop 	 Lose access to NiceGUI features (value binding, etc.) Harder to develop Must know size beforehand