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Machine Problem 2 Report

After measuring the invocation delays of sending a request and receiving a reply, I have found that using a function intermediary in sending a request and receiving a reply takes longer than directly sending a requesting and receiving a reply in a process. My data is as follows:

Direct Calls:

<i>hello</i>	343
<i>data Joe Smith</i>	173
<i>data Jane Smith</i>	90

Function Calls (1-5):

<i>A</i>	167
<i>B</i>	99
<i>C</i>	96
<i>D</i>	95
<i>E</i>	95

I attribute the longer invocation delays in *hello* and *data Joe Smith* to waiting on the *dataserver* to get ready, and I'm basing my decision of that last invocation time for *data Jane Smith*. It seems evident from analyzing the invocation times that the first few replies take longer, and plane off at a much smaller vaue. Since the last value for the Direct Calls was 90, and the 5th (planed off) value for Function Calls was 95, this led me to the conclusion that Direct Calls from a process are faster than Function Calls.