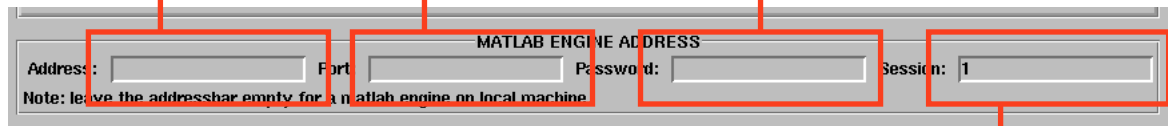


Address of the machine where 'sciunremote' is running. This can be an IPv4, IPv6, or a DNS name of the remote machine.

Port number on which 'sciunremote' is running

In case a password protection is added, enter the password of the 'sciunremote' server program in this field



The image shows a dialog box titled "MATLAB ENGINE ADDRESS". It contains four input fields: "Address:", "Port:", "Password:", and "Session:". The "Session:" field has the value "1" entered. Below the "Address:" field, there is a note: "Note: leave the addressbar empty for a matlab engine on local machine". Red lines and boxes are used to highlight and label the fields: a red line points from the text above to the "Address:" field; a red line points from the text above to the "Port:" field; a red line points from the text above to the "Password:" field; a red box surrounds the "Session:" field with the value "1"; and a red box surrounds the "Note" text.

Session identifies a matlab thread. On the localhost or remotely multiple matlab engines can be started, all of them will have a different workspace and thus do not influence each other. Matlabengine connections with the same address and the same session number will share the matlab thread and thus can communicate with each other. Even different SC IRun instances can use the same Matlab process.