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# FastHenry2 Runner

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[L,R,Frequency]=fasthenry\_runner(file\_name,directives,show)

Tries to execute the file file\_name with Fasthenry2 automations Extra parameters can be added via directives to the FastHenry2 execution If show is true, the FastHenry2 window will open to follow the execution

## Parameters

- @param **file\_name** FastHenry script to run
- @param **directives** String of Extra directives to run FastHenry2
- @param **show** Boolean Activates the FastHenry2 GUI
- @retval **L** Array of Inductances
- @retval **R** Array of Resistances
- @retval **Frequency** Array of Frequencies FastHenry2 Script is Evaluated

## Code

```
function [L,R,Frequency]=fasthenry_runner(file_name,directives,show)
ax=actxserver('FastHenry2.Document');
%pwd returns the current working directory
if show
    ax.invoke('ShowWindow');
end
ax.invoke('Run',[pwd '/' file_name ' ' directives]);
while(ax.invoke('Isrunning'))
    pause(0.1);
end
%names=ax.invoke('GetRowPortNames');
L=cell2mat(ax.invoke('GetInductance'));
R=cell2mat(ax.invoke('GetResistance'));
Frequency=cell2mat(ax.invoke('GetFrequencies'));
ax.invoke('Quit');
ax=[];
end
```

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