FastHenry2 Runner

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[L,R,Frequency]=fasthenry_runner(file_name,directives,show)

Tries to execute the file file_name with Fasthery2 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 if 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);%@TODO use same handler, this doesn`t work if the
 simulation is too fast
 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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