
FastHenry2 Runner

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[C]=fastcap2_runner(file_name,directives,show)

Author: JCCopyrights Summer 2019 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 **C** Array of Capacitances

Code

```
function [C]=fastcap2_runner(file_name,directives,show)
ax=actxserver('FastCap2.Document');
%pwd returns the current working directory
if show
    ax.invoke('ShowWindow');
end
ax.invoke('Run', ['-l' 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');
C=cell2mat(ax.invoke('GetCapacitance'));
ax.invoke('Quit');
ax=[];
end
```

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