

```

clc;
%%auto build
open_system(new_system('model_auto'));
add_block('simulink/Commonly Used Blocks/Constant', 'model_auto/Constant');
set_param('model_auto/Constant', 'position', [140,80,180,120]);
add_block('simulink/Commonly Used Blocks/Integrator', 'model_auto/Integrator');
set_param('model_auto/Integrator', 'position', [220,80,260,120]);
add_line('model_auto', 'Constant/1', 'Integrator/1');
add_block('simulink/Commonly Used Blocks/Gain', 'model_auto/Gain');
set_param('model_auto/Gain', 'position', [300,80,340,120]);
add_line('model_auto', 'Integrator/1', 'Gain/1');
add_block('simulink/Commonly Used Blocks/Out1', 'model_auto/Scope');
set_param('model_auto/Scope', 'position', [380,80,420,120]);
add_line('model_auto', 'Gain/1', 'Scope/1');

%%auto fetch and replace
RootParameterNames = fieldnames(get_param(0, 'ObjectParameters'));
load_system('add_script')
GlobalParameterValue = get_param(0, 'CurrentSystem')
ModelParameterValue = get_param('add_script', 'ModelVersion')
BlockPaths = find_system('add_script', 'Type', 'Block')

add_script
set_param('add_script', 'Solver', 'ode15s', 'StopTime', '90')

%%auto find
text = fileread('gravity_algorithm.pdf');
Lines = strsplit(text, newline);
k=1;
for i=1:length(Lines)
    if contains(Lines{i}, "<a")
        newStr = extractBetween(Lines{i}, "<a", ">");
        for j=1:length(newStr)
            ValueStorage{k}=newStr{j};
            k=k+1;
        end
    end
end
ValueStorage=vertcat("HTML Tag Value2", 'ValueStorage');
ValueStorage_XLS=cellstr(ValueStorage);
xlswrite("gravity.xlsx", ValueStorage_XLS);

```

GlobalParameterValue =

'add\_script'

ModelParameterValue =

'1.2'

BlockPaths =

4×1 cell array

```

{'add_script/Add'      }
{'add_script/Display'}
{'add_script/Value1'   }
{'add_script/Value2'   }

```

