

```

open_system(new_system('model_auto_script1'));
add_block('simulink/Commonly Used Blocks/Constant', 'model_auto_script1/Constant');
set_param('model_auto_script1/Constant', 'position', [140,80,180,120]);
add_block('simulink/Commonly Used Blocks/Integrator', 'model_auto_script1/Integrator');
set_param('model_auto_script1/Integrator', 'position', [220,80,260,120]);
add_line('model_auto_script1', 'Constant/1', 'Integrator/1');
add_block('simulink/Commonly Used Blocks/Gain', 'model_auto_script1/Gain');
set_param('model_auto_script1/Gain', 'position', [300,80,340,120]);
add_line('model_auto_script1', 'Integrator/1', 'Gain/1');
add_block('simulink/Commonly Used Blocks/Out1', 'model_auto_script1/Scope');
set_param('model_auto_script1/Scope', 'position', [380,80,420,120]);
add_line('model_auto_script1', 'Gain/1', 'Scope/1');

RootParameterNames = fieldnames(get_param(0, 'ObjectParameters'));
load_system('model_auto_script1')
GlobalParameterValue = get_param(0, 'CurrentSystem')
ModelParameterValue = get_param('model_auto_script1', 'ModelVersion')
BlockPaths = find_system('model_auto_script1', 'Type', 'Block')

set_param('model_auto_script1', 'Solver', 'ode15s', 'StopTime', '90')

```

GlobalParameterValue =

'model_auto_script1'

ModelParameterValue =

'1.0'

BlockPaths =

4×1 cell array

```

{'model_auto_script1/Constant' }
{'model_auto_script1/Gain'      }
{'model_auto_script1/Integrator'}
{'model_auto_script1/Scope'     }

```



