

探查摘要

基于performance时间于 02-Dec-2019 05:08:20 生成。

| 函数名称 | 调用次数 | 总时间 | 自用时间* | 总时间图 (深色条带 = 自用时间) |
|--|----------------------|---------------------|-----------------------|--------------------------|
| main_fixed_grid | 1 | 41829.592 s | 33.129 s | |
| fminbnd | 742500 | 41333.123 s | 225.321 s | |
| ...a,mmu_1,mmu_2,ddelta,aalphaK,aalphaL) | 2947782 | 39536.258 s | 36.579 s | |
| valueFunction | 2947782 | 39499.679 s | 287.449 s | |
| optimoptions | 2947785 | 27853.860 s | 50.528 s | |
| createSolverOptions | 2947785 | 27803.332 s | 421.598 s | |

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|--|-----------|-------------|-------------|--|
| Fsolve>Fsolve.Fsolve | 2947785 | 27381.734 s | 66.951 s | |
| ...ithm>MultiAlgorithm.MultiAlgorithm | 2947785 | 27314.783 s | 41.522 s | |
| ...ptions>SolverOptions.SolverOptions | 2947785 | 27273.261 s | 6632.702 s | |
| ...tions>SolverOptions.getOptionNames | 2947785 | 15592.587 s | 10389.990 s | |
| fsolve | 3101533 | 11134.474 s | 1175.952 s | |
| optim\private\trustnleqn | 3101533 | 6637.668 s | 1542.638 s | |
| ...getOptionNames/i_checkForHiddenPublic | 126754755 | 5167.588 s | 5167.588 s | |
| SolverOptions>SolverOptions.setProperty | 5895570 | 3255.975 s | 2621.179 s | |
| computeFinDiffGradAndJac | 12638465 | 2325.594 s | 513.781 s | |
| Fsolve>Fsolve.set.Display | 2947785 | 1790.777 s | 113.073 s | |
| finitedifferences | 12638465 | 1772.555 s | 829.907 s | |

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|--|----------|------------|------------|--|
| Fsolve>Fsolve.set.ToIX | 2947785 | 1702.755 s | 124.484 s | |
| interp1 | 8542322 | 1562.294 s | 1342.726 s | |
| cell.setdiff | 2947787 | 1554.449 s | 112.080 s | |
| optimget | 82735825 | 1534.816 s | 664.916 s | |
| cell.setdiff>cellsetdiffR2012a | 2947787 | 1442.370 s | 398.060 s | |
| ...or_1_SteadyState.labor_2_SteadyState) | 5425410 | 1243.288 s | 53.535 s | |
| valueFunction_setLaborToSteadyState | 5425410 | 1189.752 s | 218.561 s | |
| cell.unique | 5895574 | 1044.310 s | 374.837 s | |
| optim\private\dogleg | 9536932 | 1019.973 s | 1019.973 s | |
| prepareOptionsForSolver | 3101533 | 910.379 s | 41.424 s | |
| optimget>optimgetfast | 82735825 | 869.900 s | 869.900 s | |
| finDiffEvalAndChkErr | 25276935 | 783.842 s | 396.937 s | |
| formatFsolveMessage | 3101533 | 629.662 s | 317.404 s | |
| ...e.mmu_1,mmu_2,alphaK,alphaL,delta) | 36783132 | 628.033 s | 201.812 s | |

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|---|----------|-----------|-----------|--|
| <u>setOptimFcnHandleOnWorkers</u> | 3101533 | 537.221 s | 525.141 s | |
| <u>lsqfcnchk</u> | 3101533 | 515.607 s | 373.062 s | |
| <u>cell.unique>celluniqueR2012a</u> | 5895574 | 513.227 s | 513.227 s | |
| <u>...SolverOptions.extractOptionsStructure</u> | 3101533 | 485.036 s | 59.216 s | |
| <u>laborFunction</u> | 37915380 | 439.406 s | 439.406 s | |
| <u>optim\private\trustnleqn>getOpts</u> | 3101533 | 430.261 s | 80.630 s | |
| <u>...gorithm.extractCustomOptionsStructure</u> | 3101533 | 425.820 s | 178.150 s | |
| <u>...ons>SolverOptions.convertForSolver</u> | 3101533 | 383.919 s | 383.919 s | |
| <u>split</u> | 6203066 | 312.228 s | 298.986 s | |
| <u>EnumType>EnumType.validate</u> | 2947785 | 309.055 s | 112.807 s | |
| <u>...>SolverOptions.setPropertyNoChecks</u> | 5895570 | 306.302 s | 306.302 s | |
| <u>optim\private\trustnleqn>testStop</u> | 12638465 | 240.698 s | 132.938 s | |
| <u>prepStringForValidation</u> | 2947785 | 196.247 s | 21.712 s | |
| <u>Fsolve>Fsolve.replaceSpecialStrings</u> | 3101533 | 190.602 s | 121.554 s | |

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|---|----------|-----------|-----------|--|
| <u>fminbnd>terminate</u> | 742500 | 177.198 s | 177.198 s | |
| <u>strip</u> | 2947785 | 174.535 s | 141.764 s | |
| <u>nonzerosign</u> | 25276930 | 158.806 s | 158.806 s | |
| <u>fcnchk</u> | 3844033 | 158.485 s | 158.485 s | |
| <u>partialMatchString</u> | 5895574 | 156.247 s | 128.775 s | |
| <u>interp1>reshapeAndSortXandY</u> | 8542322 | 133.482 s | 97.727 s | |
| <u>isoptmargdbl</u> | 6203066 | 131.346 s | 131.346 s | |
| <u>createFaultToIStruct</u> | 3101533 | 113.197 s | 113.197 s | |
| <u>replace</u> | 3101533 | 107.760 s | 77.531 s | |
| <u>validateFinDiffRelStep</u> | 3101533 | 90.985 s | 41.510 s | |
| <u>interp1>parseinputs</u> | 8542322 | 86.085 s | 86.085 s | |
| <u>getNumericOrStringFieldValue</u> | 3101533 | 85.568 s | 31.295 s | |
| <u>updateFaultToIStruct</u> | 9536932 | 81.296 s | 81.296 s | |
| <u>optim\private\trustinleqn>updateDelta</u> | 9536932 | 55.104 s | 55.104 s | |

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|--|----------|----------|----------|--|
| validateopts_UseParallel | 15739998 | 51.338 s | 51.338 s | |
| SolverOptions>SolverOptions.isSetByUser | 3101533 | 45.898 s | 45.898 s | |
| str...te\convertStringToOriginalTextType | 6049318 | 43.956 s | 43.956 s | |
| consumptionFunction1 | 8718193 | 40.771 s | 40.771 s | |
| Fsolve>Fsolve.get.FinDiffRelStep | 3101533 | 40.133 s | 40.133 s | |
| interp1>reshapeValuesV | 8542322 | 35.755 s | 35.755 s | |
| deal | 2947792 | 35.012 s | 35.012 s | |
| strfun\private\isTextStrict | 12252384 | 32.286 s | 32.286 s | |
| checkoptionsize | 3101533 | 29.594 s | 29.594 s | |
| replaceFinDiffRelStepString | 3101533 | 28.914 s | 28.914 s | |
| strlength | 5895577 | 27.476 s | 27.476 s | |
| utilityFunction | 8373193 | 23.680 s | 23.680 s | |
| consumptionFunction2 | 8718193 | 20.915 s | 20.915 s | |
| ...e,mmu_1,mmu_2,alphaK,alphaL,delta) | 1132248 | 19.893 s | 6.707 s | |

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|--|---------|----------|----------|--|
| ToleranceType>ToleranceType.validate | 2947785 | 19.440 s | 19.440 s | |
| eulerEquationErrorFunction | 1 | 17.542 s | 1.301 s | |
| functionNameClashCheck | 3101533 | 12.053 s | 12.053 s | |
| ...>SolverOptions.mapOptionsForSolver | 3101533 | 11.170 s | 11.170 s | |
| savefig | 7 | 2.997 s | 1.541 s | |
| saveas | 2 | 2.634 s | 0.131 s | |
| print | 2 | 2.406 s | 0.403 s | |
| mesh | 7 | 1.887 s | 0.531 s | |
| printing\private\alternatePrintPath | 2 | 1.781 s | 0.015 s | |
| pri...e\alternatePrintPath>printSetup | 2 | 0.855 s | 0.031 s | |
| newplot | 31 | 0.817 s | 0.221 s | |
| FigFile.write | 7 | 0.614 s | 0.589 s | |
| printing\private\printjobContentChanges | 4 | 0.592 s | 0.038 s | |
| printing\private\printingGenerateOutput | 2 | 0.588 s | 0.019 s | |

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|---|-----|---------|---------|--|
| <u>xlabel</u> | 13 | 0.441 s | 0.427 s | |
| <u>...bj.onCustomEvent(data.Type,data.Data)</u> | 5 | 0.422 s | 0.011 s | |
| <u>Channel>Channel.onCustomEvent</u> | 5 | 0.411 s | 0.023 s | |
| <u>...rargin)obj.onCustomEvent(varargin{:})</u> | 5 | 0.385 s | 0.007 s | |
| <u>...asPlugin>CanvasPlugin.createCanvas</u> | 9 | 0.385 s | 0.088 s | |
| <u>title</u> | 19 | 0.379 s | 0.279 s | |
| <u>EventSource>EventSource.onCustomEvent</u> | 5 | 0.378 s | 0.025 s | |
| <u>...tChanges>localUpdateColorsIfNeeded</u> | 4 | 0.368 s | 0.013 s | |
| <u>printing\private\modifyColorsForPrint</u> | 4 | 0.351 s | 0.007 s | |
| <u>...fo)obj.usbDeviceRemovedCallback(info)</u> | 5 | 0.350 s | 0.004 s | |
| <u>Manager></u> <u>Manager.usbDeviceRemovedCallback</u> | 5 | 0.346 s | 0.079 s | |
| <u>printing\private\adjustbackground</u> | 4 | 0.344 s | 0.149 s | |
| <u>onCleanup>onCleanup.delete</u> | 104 | 0.340 s | 0.009 s | |
| <u>mlprintjob>mlprintjob.writeRaster</u> | 2 | 0.334 s | 0.009 s | |

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|---|----|---------|---------|--|
| <u>findall</u> | 67 | 0.325 s | 0.253 s | |
| <u>...tePrintPath>@()printCleanup(pj.pt)</u> | 2 | 0.313 s | 0.001 s | |
| <u>...te\alternatePrintPath>printCleanup</u> | 2 | 0.312 s | 0.005 s | |
| <u>objectsystem\private\hgsaveStructClass</u> | 7 | 0.303 s | 0.175 s | |
| <u>Manager>Manager.updateSubClasses</u> | 1 | 0.264 s | 0.023 s | |
| <u>imwrite</u> | 2 | 0.254 s | 0.016 s | |
| <u>subplot</u> | 12 | 0.251 s | 0.104 s | |
| <u>findSubClasses</u> | 1 | 0.241 s | 0.213 s | |
| <u>...teOutput>LocalGenerateRasterOutput</u> | 2 | 0.231 s | 0.001 s | |
| <u>...ut>LocalCallgenerateGraphicsOutput</u> | 2 | 0.230 s | 0.217 s | |
| <u>configureAxes</u> | 7 | 0.229 s | 0.056 s | |
| <u>...tup>CanvasSetup.createScribeLayers</u> | 9 | 0.216 s | 0.019 s | |
| <u>imagesci\private\writepng</u> | 2 | 0.215 s | 0.028 s | |
| <u>pri...te\alternatePrintPath>doCleanup</u> | 2 | 0.209 s | 0.019 s | |

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|---|-----|---------|---------|--|
| ...anager>ScribeStackManager.getLayer | 46 | 0.202 s | 0.026 s | |
| zlabel | 7 | 0.186 s | 0.163 s | |
| ylabel | 19 | 0.174 s | 0.155 s | |
| mlprintjob>mlprintjob.setPaintDisabled | 4 | 0.169 s | 0.074 s | |
| configureAxes>checkChildren | 7 | 0.169 s | 0.014 s | |
| ...ger>ScribeStackManager.createLayer | 27 | 0.162 s | 0.042 s | |
| table.saveobj | 4 | 0.159 s | 0.044 s | |
| ...nteractions.createDefaultInteractions | 113 | 0.154 s | 0.044 s | |
| configureAxes>checkDim | 21 | 0.154 s | 0.029 s | |
| makeUniqueStrings | 10 | 0.153 s | 0.028 s | |
| getChildrenForRuler | 21 | 0.125 s | 0.125 s | |
| newplot>ObserveAxesNextPlot | 31 | 0.121 s | 0.012 s | |
| ...ternatePrintPath>LocalUpdateViewer | 2 | 0.115 s | 0.098 s | |
| parseplotapi | 7 | 0.115 s | 0.050 s | |

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|---|----|---------|---------|--|
| cla | 19 | 0.109 s | 0.016 s | |
| printing\private\modifyUnitsForPrint | 4 | 0.106 s | 0.023 s | |
| ...scribeLayer>ScribeLayer.ScribeLayer | 27 | 0.103 s | 0.049 s | |
| table.table>table.table | 1 | 0.092 s | 0.009 s | |
| unique | 29 | 0.088 s | 0.032 s | |
| Surface.Surface>Surface.Surface | 7 | 0.088 s | 0.029 s | |
| ...ager>@(o,e)subplotlayout(ax,e,fig) | 2 | 0.081 s | 0.053 s | |
| tabular.display | 1 | 0.080 s | 0.003 s | |
| graphics\private\clo | 19 | 0.079 s | 0.077 s | |
| printing\private\fireprintbehavior | 4 | 0.078 s | 0.001 s | |
| ...inerFactory\$FigurePanelContainerLight (Java 方法) | 4 | 0.078 s | 0.078 s | |
| firePrintBehavior | 4 | 0.077 s | 0.012 s | |
| imagesci\private\pngwritetec (MEX-file) | 2 | 0.076 s | 0.076 s | |
| subplot>addAxesToGrid | 12 | 0.076 s | 0.029 s | |

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|---|-----|---------|---------|--|
| printing\private\setGraphicsProperty | 124 | 0.076 s | 0.076 s | |
| ismember | 16 | 0.075 s | 0.010 s | |
| datetime | 6 | 0.073 s | 0.035 s | |
| ...ob>m\printjob.imwriteArgsForRaster | 2 | 0.071 s | 0.015 s | |
| ismember>ismemberR2012a | 16 | 0.066 s | 0.014 s | |
| ToolbarFactory>ToolbarFactory.getToolBar | 9 | 0.065 s | 0.010 s | |
| makeUniqueStrings>makeUnique | 10 | 0.064 s | 0.014 s | |
| setdiff | 5 | 0.062 s | 0.007 s | |
| printjob | 4 | 0.060 s | 0.007 s | |
| datestr | 4 | 0.058 s | 0.015 s | |
| unique>uniqueR2012a | 29 | 0.056 s | 0.056 s | |
| setdiff>setdiffR2012a | 5 | 0.055 s | 0.008 s | |
| ...;DesktopToolBarController.getInstance | 9 | 0.055 s | 0.004 s | |
| newplotwrapper | 24 | 0.053 s | 0.004 s | |

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|--|-----|---------|---------|--|
| savefig>localGetHandleAndFile | 7 | 0.051 s | 0.015 s | |
| ...arController.DesktopToolBarController | 9 | 0.050 s | 0.007 s | |
| ...rnatePrintPath>LocalUpdateRenderer | 2 | 0.049 s | 0.019 s | |
| xlim | 7 | 0.048 s | 0.027 s | |
| ...Pane>AnnotationPane.AnnotationPane | 18 | 0.047 s | 0.013 s | |
| gobjects | 85 | 0.047 s | 0.041 s | |
| timefun\private\dateformverify | 6 | 0.046 s | 0.007 s | |
| axescheck | 19 | 0.045 s | 0.033 s | |
| allchild | 29 | 0.045 s | 0.024 s | |
| printing\private\ptpreparehg | 2 | 0.044 s | 0.003 s | |
| ...t:ToolBarController.ToolBarController | 9 | 0.043 s | 0.031 s | |
| ...nPane>AnnotationPane.doGetChildren | 230 | 0.042 s | 0.042 s | |
| ismember>ismemberClassTypes | 5 | 0.042 s | 0.009 s | |
| grid | 7 | 0.041 s | 0.039 s | |

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|---|-----|---------|---------|--|
| tabular.disp | 1 | 0.040 s | 0.021 s | |
| timefun\private\formatdate | 6 | 0.040 s | 0.024 s | |
| printing\private\inputcheck | 2 | 0.039 s | 0.017 s | |
| ...ner.CartesianAxesInteractionContainer | 19 | 0.038 s | 0.005 s | |
| ...queueCreateDefaultInteractionsOnAxes | 113 | 0.038 s | 0.016 s | |
| pri...rivate\printingAxesTickLabelUpdate | 2 | 0.037 s | 0.003 s | |
| getHeader | 1 | 0.037 s | 0.000 s | |
| printtables | 6 | 0.037 s | 0.006 s | |
| getHeader>getTabularHeader | 1 | 0.036 s | 0.002 s | |
| FigureUtils>FigureUtils.isEditorFigure | 113 | 0.035 s | 0.014 s | |
| datevec | 2 | 0.035 s | 0.006 s | |
| ctorHelper | 7 | 0.035 s | 0.025 s | |
| ...otationPane>AnnotationPane.doSetup | 18 | 0.035 s | 0.031 s | |
| printing\private\useOriginalHGPrinting | 12 | 0.034 s | 0.005 s | |

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|--|----|--|---------|---------|--|
| <u>processSaveArguments</u> | 7 | | 0.034 s | 0.014 s | |
| <u>metaDim>metaDim.checkAgainstVarLabels</u> | 1 | | 0.034 s | 0.001 s | |
| <u>printing\private\isSLorSF</u> | 18 | | 0.033 s | 0.012 s | |
| <u>...ionContainer.AxesInteractionContainer</u> | 19 | | 0.033 s | 0.006 s | |
| <u>...eObj, evtData)obj.cacheLoad(sourceObj)</u> | 9 | | 0.032 s | 0.002 s | |
| <u>...(src,event)hObj.childAdded(src,event)</u> | 38 | | 0.032 s | 0.004 s | |
| <u>...ePlugin>PostUpdatePlugin.cacheLoad</u> | 9 | | 0.031 s | 0.025 s | |
| <u>createExitMsg</u> | 1 | | 0.030 s | 0.004 s | |
| <u>num2str</u> | 12 | | 0.030 s | 0.017 s | |
| <u>dimensionString</u> | 1 | | 0.030 s | 0.001 s | |
| <u>makeNumeric</u> | 7 | | 0.029 s | 0.013 s | |
| <u>meshgrid</u> | 2 | | 0.029 s | 0.029 s | |
| <u>mlprintjob>mlprintjob.mlprintjob</u> | 4 | | 0.029 s | 0.021 s | |
| <u>...ubplotListenersManager.addToListeners</u> | 12 | | 0.029 s | 0.023 s | |

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|---|-----|--|---------|---------|--|
| <u>view</u> | 7 | | 0.029 s | 0.007 s | |
| <u>parseparams</u> | 7 | | 0.029 s | 0.028 s | |
| <u>print>LocalCreatePrintJob</u> | 2 | | 0.029 s | 0.009 s | |
| <u>rulerFunctions</u> | 14 | | 0.029 s | 0.020 s | |
| <u>...ScribeLayer>ScribeLayer.childAdded</u> | 38 | | 0.028 s | 0.022 s | |
| <u>...odifyUnitsForPrint>getObjWithUnits</u> | 2 | | 0.028 s | 0.015 s | |
| <u>...ractionContainer.InteractionContainer</u> | 19 | | 0.027 s | 0.019 s | |
| <u>findSubClasses>testClass</u> | 7 | | 0.027 s | 0.006 s | |
| <u>name</u> | 2 | | 0.026 s | 0.018 s | |
| <u>usev6plotapi</u> | 7 | | 0.025 s | 0.025 s | |
| <u>createExitMsg>msgArgs2Str</u> | 2 | | 0.025 s | 0.006 s | |
| <u>...e\adjustbackground>LocalLabelColor</u> | 48 | | 0.025 s | 0.017 s | |
| <u>datevec>getformat</u> | 2 | | 0.025 s | 0.017 s | |
| <u>...nager>ScribeStackManager.findLayer</u> | 181 | | 0.024 s | 0.024 s | |

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|---|-----|---------|---------|--|
| Surface.Surface>Surface.doSetup | 7 | 0.024 s | 0.024 s | |
| ...nPane>AnnotationPane.getParentImpl | 354 | 0.024 s | 0.024 s | |
| printing\private\postProcessPrinttables | 6 | 0.023 s | 0.014 s | |
| tabular.tabular>tabular.initInternals | 1 | 0.023 s | 0.002 s | |
| isDesktopInUse | 1 | 0.022 s | 0.000 s | |
| printing\private\printjobUpdateForOutput | 2 | 0.022 s | 0.019 s | |
| desktop | 1 | 0.022 s | 0.002 s | |
| ...natePrintPath>LocalRestoreOldProps | 2 | 0.022 s | 0.012 s | |
| ...AxesInteractions.queuedAxesOperations | 132 | 0.022 s | 0.022 s | |
| printing\private\isslhandle | 18 | 0.021 s | 0.018 s | |
| FigureUtils>FigureUtils.safeGetAppData | 113 | 0.021 s | 0.008 s | |
| view>ViewCore | 7 | 0.021 s | 0.010 s | |
| imagesci\private\writepng>parseInputs | 2 | 0.020 s | 0.019 s | |
| ...>showHiddenHandlesToFindAllHandles | 67 | 0.020 s | 0.020 s | |

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|---|-----|--|---------|---------|--|
| <u>markFigure</u> | 59 | | 0.020 s | 0.020 s | |
| <u>...ension>tabularDimension.createLike</u> | 2 | | 0.019 s | 0.003 s | |
| <u>graph2d\private\subplot_parseargs</u> | 12 | | 0.019 s | 0.018 s | |
| <u>imwrite>parse_inputs</u> | 2 | | 0.019 s | 0.009 s | |
| <u>cnv2icudf</u> | 10 | | 0.018 s | 0.018 s | |
| <u>hold</u> | 12 | | 0.018 s | 0.010 s | |
| <u>fullfile</u> | 9 | | 0.018 s | 0.013 s | |
| <u>...>UnifiedAxesInteractions.getCanvas</u> | 113 | | 0.018 s | 0.018 s | |
| <u>...rnatePrintPath>LocalFindContainers</u> | 4 | | 0.018 s | 0.005 s | |
| <u>Capability>Capability.require</u> | 1 | | 0.017 s | 0.000 s | |
| <u>...ternatePrintPath>LocalSaveOldProps</u> | 2 | | 0.017 s | 0.017 s | |
| <u>Capability>Capability.Unsupported</u> | 1 | | 0.017 s | 0.001 s | |
| <u>pri...\private\checkArgsForHandleToPrint</u> | 4 | | 0.017 s | 0.009 s | |
| <u>...mension>tabularDimension.setLabels</u> | 2 | | 0.017 s | 0.005 s | |

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|--|-----|--|---------|---------|--|
| graph3d\private\surfchk | 7 | | 0.017 s | 0.015 s | |
| ...ractions.createAndRegisterTextControl | 176 | | 0.016 s | 0.008 s | |
| plotedit | 7 | | 0.016 s | 0.015 s | |
| varNamesDim>varNamesDim.createLike | 1 | | 0.016 s | 0.001 s | |
| printing\private\validate | 2 | | 0.015 s | 0.009 s | |
| main_setup | 1 | | 0.015 s | 0.002 s | |
| UnsupportedInUfigure | 2 | | 0.015 s | 0.006 s | |
| findSubClasses>isAbstract | 3 | | 0.014 s | 0.007 s | |
| getRulersForChild | 7 | | 0.014 s | 0.010 s | |
| graphics\private\claNotify | 19 | | 0.014 s | 0.014 s | |
| ...>PostUpdatePlugin.PostUpdatePlugin | 9 | | 0.014 s | 0.012 s | |
| ismember>ismemberBuiltinTypes | 16 | | 0.013 s | 0.013 s | |
| repmat | 29 | | 0.013 s | 0.012 s | |
| FigureUtils>safeGetEditorAppData | 113 | | 0.013 s | 0.013 s | |

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|---|-----|---------|---------|--|
| ...tChanges>localUpdateSelectionState | 4 | 0.013 s | 0.008 s | |
| isPublishingTest | 131 | 0.013 s | 0.013 s | |
| FigFile.write>localGetV2Data | 7 | 0.013 s | 0.012 s | |
| printing\private\getDeprecatedDeviceList | 8 | 0.013 s | 0.012 s | |
| convertStringToCharArgs | 79 | 0.012 s | 0.012 s | |
| ...rintEnhanceTextures.needEnhanceOutput | 2 | 0.012 s | 0.002 s | |
| ...char(x))&&strcmppi('parent',x) | 33 | 0.012 s | 0.007 s | |
| ...er>SubplotListenersManager.disable | 4 | 0.012 s | 0.012 s | |
| close | 1 | 0.012 s | 0.003 s | |
| ...t:varNamesDim.validateAndAssignLabels | 1 | 0.011 s | 0.002 s | |
| optimset | 2 | 0.011 s | 0.009 s | |
| allchild>getchildren | 29 | 0.011 s | 0.010 s | |
| objectsystem\private\hgsaveObject | 7 | 0.011 s | 0.011 s | |
| graph2d\private\labelcheck | 58 | 0.011 s | 0.011 s | |

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|--|-----|---------|---------|--|
| subplot>datasiblings | 12 | 0.011 s | 0.009 s | |
| informats | 4 | 0.010 s | 0.005 s | |
| fileparts | 13 | 0.010 s | 0.009 s | |
| ...set(rootobj,'ShowHiddenHandles',Temp) | 67 | 0.010 s | 0.010 s | |
| ...Strings>validateExclStrOrElemToChk | 10 | 0.010 s | 0.008 s | |
| ...ger>SubplotListenersManager.enable | 4 | 0.010 s | 0.010 s | |
| hggetbehavior | 28 | 0.010 s | 0.006 s | |
| ylim | 7 | 0.009 s | 0.001 s | |
| num2str>strvrcat | 9 | 0.009 s | 0.001 s | |
| validatestring | 4 | 0.009 s | 0.005 s | |
| close>safefetchchildren | 1 | 0.009 s | 0.001 s | |
| isprop | 4 | 0.008 s | 0.005 s | |
| ...actions>TextInteractions.getCanvas | 176 | 0.008 s | 0.008 s | |
| ...gt;FigureUtils.isEditorSnapshotFigure | 113 | 0.008 s | 0.008 s | |

| | | | | |
|--|-----|---------|---------|--|
| mlprintjob>mlprintjob.getJavaContainer | 6 | 0.008 s | 0.007 s | |
| ...nager>ScribeStackManager.hasLayers | 27 | 0.008 s | 0.004 s | |
| varNamesDim>varNamesDim.makeValidName | 1 | 0.008 s | 0.001 s | |
| ...ForHandleToPrint>LocalCheckHandles | 4 | 0.008 s | 0.007 s | |
| strjust | 9 | 0.008 s | 0.001 s | |
| newplot>ObserveFigureNextPlot | 31 | 0.007 s | 0.007 s | |
| ...a.ddelta,a.alphaK,a.alphaL,mmu_1,mmu_2) | 20 | 0.007 s | 0.003 s | |
| autoSwitchToPaintersForPrint | 2 | 0.007 s | 0.007 s | |
| findSubClasses>@(x)x.Abstract | 124 | 0.007 s | 0.007 s | |
| strmatch | 2 | 0.007 s | 0.007 s | |
| ...lity>printUtility.getAxesAllRulers | 2 | 0.007 s | 0.007 s | |
| onCleanup>onCleanup.onCleanup | 104 | 0.007 s | 0.007 s | |
| findSubClasses>isAClass | 10 | 0.007 s | 0.007 s | |
| tabular.disp>getVarNamesDispLines | 1 | 0.007 s | 0.006 s | |

| | | | | |
|--|----|---------|---------|--|
| printing.private.getDefaultDeviceList | 8 | 0.006 s | 0.006 s | |
| removeChartChildren | 2 | 0.006 s | 0.006 s | |
| usejava | 19 | 0.006 s | 0.006 s | |
| pri...te\getframeWithDecorationsShortcut | 2 | 0.006 s | 0.004 s | |
| tabular.disp>boldifyLabels | 1 | 0.006 s | 0.005 s | |
| strjust>strjustOnChar | 9 | 0.006 s | 0.006 s | |
| makeValidName | 8 | 0.006 s | 0.006 s | |
| FigFile.FigFile>FigFile.set.Format3Data | 7 | 0.006 s | 0.003 s | |
| mlprintjob>mlprintjob.tostruct | 2 | 0.006 s | 0.006 s | |
| ...nPane>AnnotationPane.setParentImpl | 18 | 0.005 s | 0.005 s | |
| mlprintjob>mlprintjob.resetTemp | 6 | 0.005 s | 0.005 s | |
| FigFile.FigFile>FigFile.set.Format2Data | 7 | 0.005 s | 0.002 s | |
| imformats>find_in_registry | 4 | 0.005 s | 0.005 s | |
| ...iner>InteractionContainer.set.GObj | 19 | 0.005 s | 0.005 s | |

| | | | | |
|---|----|---------|---------|--|
| ...set(rootobj,'ShowHiddenHandles',Temp) | 29 | 0.005 s | 0.005 s | |
| cellstr | 6 | 0.005 s | 0.005 s | |
| rmfield | 4 | 0.005 s | 0.005 s | |
| isStringScalar | 33 | 0.005 s | 0.005 s | |
| ...te\adjustbackground>@(x,y)get(x,y) | 72 | 0.005 s | 0.005 s | |
| ...nputcheck>LocalCheckForDeprecation | 4 | 0.005 s | 0.002 s | |
| ...rnatePrintPath>LocalHasSceneViewer | 4 | 0.005 s | 0.005 s | |
| PostUpdatePlugin>isAxesToolBarExcluded | 9 | 0.005 s | 0.005 s | |
| tabular.tabular>tabular.countVarInputs | 1 | 0.005 s | 0.003 s | |
| steadyStateFunction | 21 | 0.004 s | 0.004 s | |
| printopt | 4 | 0.004 s | 0.004 s | |
| ...gt;LocalAddHeaderInfoToPrintJobStruct | 2 | 0.004 s | 0.003 s | |
| linspace | 1 | 0.004 s | 0.004 s | |
| ...tationPane>AnnotationPane.addChild | 18 | 0.004 s | 0.004 s | |

| | | | | |
|--|-----|---------|---------|--|
| ...ger>ScribeStackManager.getInstance | 9 | 0.004 s | 0.004 s | |
| printing\private\checkImageSizeForPrint | 2 | 0.004 s | 0.002 s | |
| ...>Surface.doSetup/localZDataChanged | 7 | 0.004 s | 0.004 s | |
| ...r>InteractionContainer.get.Enabled | 113 | 0.004 s | 0.004 s | |
| hggetbehavior>localIPeek | 28 | 0.004 s | 0.004 s | |
| imwrite>validateSizes | 2 | 0.004 s | 0.002 s | |
| makeUniqueStrings>truncateString | 10 | 0.004 s | 0.004 s | |
| intmax | 4 | 0.004 s | 0.004 s | |
| printing\private\validateHandleToPrint | 2 | 0.004 s | 0.003 s | |
| validateVariableNameLength | 2 | 0.004 s | 0.001 s | |
| isprop>hasProp | 4 | 0.004 s | 0.004 s | |
| configureRuler | 21 | 0.004 s | 0.004 s | |
| ...;mlprintjob.getCopyOptionsPreferences | 2 | 0.004 s | 0.004 s | |
| pri...ivate\printingConvertToExportStyle | 2 | 0.004 s | 0.002 s | |

| | | | | |
|---|----|---------|---------|--|
| <u>isCharOrString</u> | 90 | 0.004 s | 0.004 s | |
| <u>FigFile.FigFile>localVerifyStruct</u> | 7 | 0.004 s | 0.003 s | |
| <u>...ils.getPixelRectangleInPlatformPixels</u> | 2 | 0.004 s | 0.002 s | |
| <u>...otListenersManager>find3emptycells</u> | 10 | 0.004 s | 0.004 s | |
| <u>rulerFunctions>parseFunctionName</u> | 14 | 0.004 s | 0.004 s | |
| <u>EventData>EventData.EventData</u> | 5 | 0.004 s | 0.004 s | |
| <u>pri...ateInputcheck>LocalCheckDevice</u> | 2 | 0.004 s | 0.002 s | |
| <u>isCharString</u> | 25 | 0.003 s | 0.003 s | |
| <u>FigFile.FigFile>localVerifyObject</u> | 7 | 0.003 s | 0.003 s | |
| <u>is_simulink_loaded</u> | 18 | 0.003 s | 0.003 s | |
| <u>...Dim>varNamesDim.checkReservedNames</u> | 1 | 0.003 s | 0.001 s | |
| <u>...fo>CustomEventInfo.CustomEventInfo</u> | 5 | 0.003 s | 0.003 s | |
| <u>...gt;mlprintjob.isPaperPositionModeAuto</u> | 4 | 0.003 s | 0.003 s | |
| <u>mustBeValidGraphicsObject</u> | 19 | 0.003 s | 0.003 s | |

| | | | | |
|--|----|---------|---------|--|
| ...Data>ChildEventData.ChildEventData | 38 | 0.003 s | 0.003 s | |
| ...vasPlugin>CanvasPlugin.getInstance | 9 | 0.003 s | 0.003 s | |
| ...tePrintPath>LocalDealWithResizeFcn | 2 | 0.003 s | 0.003 s | |
| printtemplate | 2 | 0.003 s | 0.003 s | |
| mlprintjob>mlprintjob.isPrintDriver | 4 | 0.003 s | 0.003 s | |
| ...:@(o,e)subplotlayoutInvalid(ax,e,fig) | 30 | 0.003 s | 0.003 s | |
| imagesci\private\writepng>CheckTextItem | 2 | 0.003 s | 0.003 s | |
| javachk | 1 | 0.003 s | 0.002 s | |
| ...atePrintPath>LocalSaveAxesOldProps | 2 | 0.003 s | 0.003 s | |
| tabular.tabular>tabular.tabular | 1 | 0.003 s | 0.002 s | |
| printing\private\blt | 2 | 0.003 s | 0.003 s | |
| prepareFigureForPrint | 2 | 0.003 s | 0.001 s | |
| num2cell | 12 | 0.003 s | 0.003 s | |
| ...job>mlprintjob.setOutputDeviceInfo | 2 | 0.003 s | 0.003 s | |

| | | | | |
|--|----|---------|---------|--|
| ...plotListenersManager>findemptycell | 10 | 0.003 s | 0.003 s | |
| printing\private\ptrestorehg | 2 | 0.003 s | 0.001 s | |
| ...Factory>ToolBarFactory.getInstance | 9 | 0.003 s | 0.003 s | |
| ...ScribeLayer>ScribeLayer.findCanvas | 38 | 0.003 s | 0.003 s | |
| num2str>cellPrintf | 9 | 0.002 s | 0.002 s | |
| Information>Information.Information | 5 | 0.002 s | 0.002 s | |
| isenum | 10 | 0.002 s | 0.002 s | |
| ...bularDimension.checkReservedNamesImpl | 1 | 0.002 s | 0.002 s | |
| ...@(obj,evd)(hObj.sendDataChangedEvent) | 21 | 0.002 s | 0.002 s | |
| printing\private\handleSimulinkPrinting | 2 | 0.002 s | 0.002 s | |
| ...ibeLayer>ScribeLayer.checkValidity | 19 | 0.002 s | 0.002 s | |
| fullfile>refinePath | 9 | 0.002 s | 0.002 s | |
| FigFile.FigFile>FigFile.set.FigFormat | 7 | 0.002 s | 0.002 s | |
| uitools\private\allchildRootHelper | 29 | 0.002 s | 0.002 s | |

| | | | | |
|--|----|---------|---------|--|
| ...isa(ax,'matlab.graphics.chart.Chart') | 14 | 0.002 s | 0.002 s | |
| validatestring>checkString | 4 | 0.002 s | 0.002 s | |
| ...ensureRendererSettingConsistency(pj) | 2 | 0.002 s | 0.002 s | |
| fullfile>ensureTrailingFilesep | 2 | 0.002 s | 0.001 s | |
| webGraphicsStateManager | 24 | 0.002 s | 0.002 s | |
| tabular.tabular>tabular.saveobj | 4 | 0.002 s | 0.002 s | |
| int2str | 2 | 0.002 s | 0.002 s | |
| makeNumeric>numericDim | 21 | 0.002 s | 0.002 s | |
| graph3d\private\surfchk>iscomplex | 28 | 0.002 s | 0.002 s | |
| ...ToExportStyle>localInitializeStyle | 2 | 0.002 s | 0.002 s | |
| ...>AxesInteractionContainer.set.is2d | 19 | 0.002 s | 0.002 s | |
| ...PrintPath>LocalRestoreAxesOldProps | 2 | 0.002 s | 0.002 s | |
| ...Surface.doSetup/localXDataModeChanged | 7 | 0.002 s | 0.002 s | |
| ...t:PositionUtils.getPlatformPixelUnits | 2 | 0.002 s | 0.001 s | |

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|--|----|---------|---------|--|
| printing\private\adjustGridLineStyle | 4 | 0.002 s | 0.002 s | |
| ...\validate>locIsPageFormatOrPrinter | 2 | 0.002 s | 0.002 s | |
| tabular.isEmpty | 1 | 0.002 s | 0.002 s | |
| ...>FigFile.set.RequiredMatlabVersion | 7 | 0.002 s | 0.002 s | |
| ispc | 39 | 0.002 s | 0.002 s | |
| validatestring>checkInputs | 4 | 0.002 s | 0.002 s | |
| mlprintjob>mlprintjob.wasFigureClosed | 4 | 0.001 s | 0.001 s | |
| ...mpatibility.setCompatibleVersionLimit | 4 | 0.001 s | 0.001 s | |
| ...Surface.doSetup/localYDataModeChanged | 7 | 0.001 s | 0.001 s | |
| hasDisplay | 18 | 0.001 s | 0.001 s | |
|Surface>Surface.get.ZDataSource_I | 21 | 0.001 s | 0.001 s | |
| tabular.size | 2 | 0.001 s | 0.001 s | |
| ...DeleteListenersManager.addToListeners | 12 | 0.001 s | 0.001 s | |
| savefig>locallsFigureArray | 7 | 0.001 s | 0.001 s | |

| | | | | |
|--|----|---------|---------|--|
| pri...e\adjustbackground>matrix2color | 72 | 0.001 s | 0.001 s | |
| prepareFigureFor | 2 | 0.001 s | 0.001 s | |
| ...n>localGetCanvasContainingAncestor | 9 | 0.001 s | 0.001 s | |
| subplot>isSubplotCandidate | 30 | 0.001 s | 0.001 s | |
| printtables>localBuildOptions | 6 | 0.001 s | 0.001 s | |
| FigFile.FigFile>localDefaultV2Struct | 8 | 0.001 s | 0.001 s | |
| getHeader>getClassNameString | 1 | 0.001 s | 0.000 s | |
| ...ContentChanges>localHandleNoUIFlag | 4 | 0.001 s | 0.001 s | |
| fullfile>addTrailingFileSep | 2 | 0.001 s | 0.001 s | |
| ...tenersManager.SubplotListenersManager | 2 | 0.001 s | 0.001 s | |
|Surface>Surface.get.CDataSource_I | 21 | 0.001 s | 0.001 s | |
| ...urface>Surface.get.XDataSourceMode | 28 | 0.001 s | 0.001 s | |
| isUIFigure | 2 | 0.001 s | 0.001 s | |
| FigFile.FigFile>FigFile.FigFile | 7 | 0.001 s | 0.001 s | |

| | | | | |
|---|----|---------|---------|--|
| <u>....Surface>Surface.get.XDataSource_J</u> | 21 | 0.001 s | 0.001 s | |
| <u>...lper>printHelper.requestGCIfNeeded</u> | 2 | 0.001 s | 0.001 s | |
| <u>view>isAxesHandle</u> | 7 | 0.001 s | 0.001 s | |
| <u>...s>printEnhanceTextures.getInstance</u> | 2 | 0.001 s | 0.001 s | |
| <u>printing\private\restoreExport</u> | 2 | 0.001 s | 0.001 s | |
| <u>printing\private\isfigure</u> | 10 | 0.001 s | 0.001 s | |
| <u>tabular.display>nSpaces</u> | 13 | 0.001 s | 0.001 s | |
| <u>...tPath>LocalDoTransparentBackground</u> | 2 | 0.001 s | 0.001 s | |
| <u>stringToLegacyText</u> | 18 | 0.001 s | 0.001 s | |
| <u>mlprintjob>mlprintjob.getOutputDevice</u> | 2 | 0.001 s | 0.001 s | |
| <u>...Manager.SubplotDeleteListenersManager</u> | 12 | 0.001 s | 0.001 s | |
| <u>...urface>Surface.get.ZDataSourceMode</u> | 28 | 0.001 s | 0.001 s | |
| <u>...queStrings>validateMaxStringLength</u> | 10 | 0.001 s | 0.001 s | |
| <u>getFigureJavaFrame</u> | 2 | 0.001 s | 0.001 s | |

| | | | | | |
|--|----|--|---------|---------|--|
| <u>...>localIsPrintHeaderHeaderSpecEmpty</u> | 2 | | 0.001 s | 0.001 s | |
| <u>...urface>Surface.get.YDataSourceMode</u> | 28 | | 0.001 s | 0.001 s | |
| <u>isFigureShowEnabled</u> | 28 | | 0.001 s | 0.001 s | |
| <u>...atePrintPath>LocalValidatePrintJob</u> | 2 | | 0.001 s | 0.001 s | |
| <u>...tePrintPath>LocalUpdateContainsTex</u> | 2 | | 0.001 s | 0.001 s | |
| <u>....figure>@()lastwarn(lastmsg.lastid)</u> | 2 | | 0.001 s | 0.001 s | |
| <u>Response>Response.Response</u> | 3 | | 0.001 s | 0.001 s | |
| <u>...urface>Surface.get.CDataSourceMode</u> | 28 | | 0.001 s | 0.001 s | |
| <u>mlprintjob>mlprintjob.LocalGetDPI</u> | 2 | | 0.001 s | 0.001 s | |
| <u>...natePrintPath>LocalWarnIfScalingUI</u> | 2 | | 0.001 s | 0.001 s | |
| <u>...t:rowNamesDim.validateAndAssignLabels</u> | 1 | | 0.001 s | 0.001 s | |
| <u>getprinttemplate</u> | 4 | | 0.001 s | 0.001 s | |
| <u>tabular.disp>nUnder</u> | 5 | | 0.001 s | 0.001 s | |
| <u>repmat>checkSizesType</u> | 56 | | 0.001 s | 0.001 s | |

| | | | | |
|---|----|---------|---------|--|
|'string',{ 'nonempty','scalartext'}) | 4 | 0.001 s | 0.001 s | |
|rnatePrintPath>LocalGetSceneViewer | 4 | 0.001 s | 0.001 s | |
|Surface>Surface.get.YDataSource_I | 21 | 0.001 s | 0.001 s | |
|UnitsForPrint>updatePixelFormatUnits | 2 | 0.001 s | 0.001 s | |
| ...teattributes(x,{ 'double'},{'scalar'}) | 4 | 0.001 s | 0.001 s | |
| optimset>checkfield | 2 | 0.001 s | 0.000 s | |
| pri...e\adjustbackground>color2matrix | 72 | 0.001 s | 0.001 s | |
| createExitMsg>stripHTMLTags | 3 | 0.001 s | 0.001 s | |
| kron | 1 | 0.001 s | 0.001 s | |
| filesep | 4 | 0.001 s | 0.001 s | |
| configureAxes>classcheck | 21 | 0.001 s | 0.001 s | |
| FigFile.FigFile>locallsHG | 7 | 0.001 s | 0.001 s | |
| ismac | 2 | 0.001 s | 0.001 s | |
| isunix | 2 | 0.001 s | 0.001 s | |

| | | | | | |
|---|---|--|---------|---------|--|
| general\private\isfigure | 2 | | 0.001 s | 0.001 s | |
| ...adCompatibility.saveLoadCompatibility | 1 | | 0.001 s | 0.001 s | |
| ...tabularDimension.checkDuplicateLabels | 1 | | 0.001 s | 0.001 s | |
| ...erer/ensureRendererSettingConsistency | 2 | | 0.001 s | 0.001 s | |
| optimfun\private\uselargeoptimstruct | 2 | | 0.000 s | 0.000 s | |
| fliplr | 5 | | 0.000 s | 0.000 s | |
| ...sion>tabularDimension.assignLabels | 1 | | 0.000 s | 0.000 s | |
| datestr>getdateform | 4 | | 0.000 s | 0.000 s | |
| ...har','double','string'},{ 'nonempty'}) | 2 | | 0.000 s | 0.000 s | |
| ...printjobContentChanges>setSelected | 4 | | 0.000 s | 0.000 s | |
| ...ts>GraphicsObjects.GraphicsObjects | 7 | | 0.000 s | 0.000 s | |
| findSubClasses>getSubPackages | 1 | | 0.000 s | 0.000 s | |
| close>getEmptyHandleList | 1 | | 0.000 s | 0.000 s | |
| UnsupportedInUifigure>@()warning(w) | 2 | | 0.000 s | 0.000 s | |

| | | | | | |
|---|----|--|---------|---------|--|
| isText | 1 | | 0.000 s | 0.000 s | |
| ...odifyUnitsForPrint>@(x)~isempty(x) | 10 | | 0.000 s | 0.000 s | |
| optimset>displayType | 2 | | 0.000 s | 0.000 s | |
| tabular.disp>vectorizedWrappedLength | 1 | | 0.000 s | 0.000 s | |
| Capability>Capability.Current | 1 | | 0.000 s | 0.000 s | |
| tabular.disp>getFloatFormats | 1 | | 0.000 s | 0.000 s | |
| optimfun\private\optimoptiongetfields | 2 | | 0.000 s | 0.000 s | |
| optimset>onDeprecationPathOptionCheck | 2 | | 0.000 s | 0.000 s | |
| close>checkfigs | 1 | | 0.000 s | 0.000 s | |
| close>request_close | 1 | | 0.000 s | 0.000 s | |
| com.mathworks.hg.peer.HG2FigurePeer(Java 方法) | 2 | | 0.000 s | 0.000 s | |
| com.mathworks.mde.desk.MLDesktop(Java 方法) | 1 | | 0.000 s | 0.000 s | |

自用时间是指函数耗费的时间，但不包括函数的子函数耗费的时间。

自用时间还包括探查过程中产生的开销。