

## oDesktop

AddMessage	ClearMessages	CloseAllWindows
CloseProject	CloseProjectNoForce	DeleteProject
DoesRegistryValueExist	EnableAutoSave	ExportOptionsFiles
GetActiveProject	GetAutoSaveEnabled	GetBuildDateTimeString
GetDefaultUnit	GetDistributedAnalysisMachines	GetDistributedAnalysisMachinesForDesignType
GetExeDir	GetGDIObjectCount	GetLibraryDirectory
GetLocalizationHelper	GetMessages	GetPersonalLibDirectory
GetProcessID	GetProjectDirectory	GetProjectList
GetProjects	GetRegistryInt	GetRegistryString
GetScriptingToolsHelper	GetSysLibDirectory	GetTempDirectory
GetTool	GetUserLibDirectory	GetVersion
LaunchJobMonitor	NewProject	OpenAndConvertProject
OpenMultipleProjects	OpenProject	OpenProjectWithConversion
PageSetup	PauseRecording	PauseScript
Print	QuitApplication	RefreshJobMonitor
ResetLogging	RestoreProjectArchive	RestoreWindow
ResumeRecording	RunACTWizardScript	RunProgram
RunScript	RunScriptWithArguments	SelectScheduler
SetActiveProject	SetActiveProjectByPath	SetLibraryDirectory
SetProjectDirectory	SetRegistryFromFile	SetRegistryInt
SetRegistryString	SetTempDirectory	Sleep
SubmitJob	TileWindows	__class__
__delattr__	__doc__	__format__
__getattribute__	__hash__	__init__
__new__	__reduce__	__reduce_ex__
__repr__	__setattr__	__sizeof__
__str__	__subclasshook__	

## oProject

AddDataset	AddMaterial	AnalyzeAll
ChangeProperty	ClearMessages	CloneMaterial
Close	CopyDesign	CutDesign
DeleteDataset	DeleteDesign	DeleteToolObject
EditDataset	EditMaterial	ExportDataset
ExportMaterial	GetActiveDesign	GetArrayVariables
GetConfigurableData	GetDefinitionManager	GetDependentFiles
GetDesign	GetDesigns	GetEDBHandle
GetLegacyName	GetName	GetPath
GetProperties	GetPropertyValue	GetTopDesignList
GetVariableValue	GetVariables	ImportDataset
InsertDesign	InsertDesignWithWorkflow	InsertToolObject
Paste	PasteDesignBlock	Redo
RemoveAllUnusedDefinitions	RemoveMaterial	RemoveUnusedDefinitions
Rename	Save	SaveAs
SaveAsStandAloneProject	SaveProjectArchive	SetActiveDefinitionEditor
SetActiveDesign	SetPropertyValue	SetVariableValue
SimulateAll	Undo	UpdateDefinitions
__class__	__delattr__	__doc__
__format__	__getattribute__	__hash__
__init__	__new__	__reduce__

\_\_reduce\_ex\_\_  
\_\_sizeof\_\_

\_\_repr\_\_  
\_\_str\_\_

\_\_setattr\_\_  
\_\_subclasshook\_\_

## oDesign

AddCompInstance  
AddOutputVariable  
AnalyzeAllNominal  
CopyItemCommand  
DeleteCompInstance  
DeleteFieldVariation  
DeletePort  
DesignOptions  
EditHfssExtents  
EditNotes  
EnableSolutionSetup  
ExportDesignPoint  
ExportNMFData  
ExportProfile  
GetConfigurableData  
GetDiagnostics  
GetModule  
GetOutputVariableValue  
GetProperties  
GetVariables  
ImportData  
InsertDesign  
ModifyMeshAttributes  
OverlayMesh  
PasteItemCommand  
RemoveCircuitElement  
RemoveReport  
RenameImportData  
ReportTemplates  
SetPropertyValue  
SimulateLink  
Undo  
ValidateLink  
\_\_doc\_\_  
\_\_hash\_\_  
\_\_reduce\_\_  
\_\_setattr\_\_  
\_\_subclasshook\_\_

AddDataset  
Analyze  
ChangePortProperty  
CreateReport  
DeleteDataset  
DeleteFullVariation  
DeleteSolutionVariation  
EditCoSimulationOptions  
EditImportData  
EditOptions  
ExportConvergence  
ExportForHSpice  
ExportNearFieldData  
ExportReport  
GetData  
GetEditor  
GetName  
GetOutputVariables  
GetPropertyValue  
ImportComponentFile  
ImportDataFilePath  
InvalidateAllSolutions  
OverlayCurrents  
OverlayNearField  
Redo  
RemoveImportData  
RenameCircuitElement  
RenamePort  
RunToolkit  
SetTemperatureSettings  
StartAnalysis  
UpdateSources  
\_\_class\_\_  
\_\_format\_\_  
\_\_init\_\_  
\_\_reduce\_ex\_\_  
\_\_sizeof\_\_

AddModelingProperties  
AnalyzeAll  
ChangeProperty  
DCReportGeneration  
DeleteDesignInstance  
DeleteOutputVariable  
DeleteSource  
EditDataset  
EditInfiniteArray  
EditOutputVariable  
ExportCurrentsData  
ExportForSpice  
ExportNetworkData  
GetActiveEditor  
GetDesignType  
GetMenuChoices  
GetNoteText  
GetPropHost  
GetVariableValue  
ImportComponentMappingFile  
ImportDataset  
InvalidateSolutions  
OverlayFarField  
PasteDesign  
RemoveAllReports  
RemoveModelingProperties  
RenameDesignInstance  
RenameSource  
SetActiveEditor  
SetVariableValue  
StopSimLink  
ValidateCircuit  
\_\_delattr\_\_  
\_\_getattribute\_\_  
\_\_new\_\_  
\_\_repr\_\_  
\_\_str\_\_

## oEditor

Activate  
AddObject  
AddPortsToNet  
AddVoltageRegulators  
AssignCircuitRefPort  
ChangeLayers  
ClearLayerMappings

AddCircuitRefPort  
AddPinGroupRefPort  
AddRefPort  
AlignObjects  
AssignRefPort  
ChangeOptions  
ClearRefPort

AddLayer  
AddPortsToAllNets  
AddStackupLayer  
AlignPorts  
ChangeLayer  
ChangeProperty  
ClearRelative

Connect	ConnectPortInstancesToPins	ConvertPlanetoTrace
ConvertTracetoPlane	Copy	CopyToPlanarEM
Create3DStructure	CreateAutomaticTrace	CreateCS
CreateCircle	CreateCircleVoid	CreateCircuitPort
CreateComponent	CreateCurrentSourcePort	CreateDCTerminal
CreateDCTerminalComponent	CreateEdgePort	CreateGroundPortComponent
CreateGroupSelected	CreateHole	CreateInterfaceGround
CreateInterfacePort	CreateInterfacePortComponent	CreateLine
CreateLineFromPolygon	CreateLineVoid	CreateMeasure
CreateNPort	CreateNetClass	CreateObjectFromPolygon
CreatePin	CreatePinGroup	CreatePinGroupPort
CreatePinGroups	CreatePolygon	CreatePolygonVoid
CreatePortInstancePorts	CreatePortsOnComponents	CreatePortsOnComponentsByNet
CreateRectangle	CreateRectangleVoid	CreateText
CreateTrace	CreateVia	CreateViaGroups
CreateVoltageProbePort	CreateVoltageSourcePort	CutOutSubDesign
DeactivateOpen	DeactivateShort	DefeatureObjects
DelNetClass	Delete	DeletePinGroup
Disconnect	DissolveComponents	DumpPolygon
Duplicate	DuplicateAcrossLyrs	Edit
EditPinGroup	EnableComponents	EraseMeasurements
Expand	ExpandWithPorts	ExportAcis
ExportDXF	ExportGDSII	ExportGerber
ExportImage	ExportMaterialToHFSSUDP	ExportNCDrill
ExportStackupXML	ExportStride	ExportToHFSS
ExportToHFSSUDP	ExportToQ3D	FilterObjectList
FindObjects	FindObjectsByPoint	FindObjectsByPolygon
FlipHorizontal	FlipVertical	GenerateFacetDataForModel
GeometryCheckAndAutofix	GetActiveUnits	GetAllLayerNames
GetBBox	GetCSObjects	GetCompInstanceFromRefDes
GetComponentInfo	GetComponentPinInfo	GetComponentPins
GetEditorName	GetLayerInfo	GetMaterialList
GetNetClassNets	GetNetClasses	GetNetConnections
GetNets	GetPolygon	GetPolygonDef
GetPolygonInfo	GetPolygonVoids	GetPortInfo
GetPortInstances	GetProperties	GetPropertyValue
GetSelections	GetStackupLayerNames	GetUserGeometryList
Group	Heal	HighlightNet
ImportDXF	ImportGDSII	ImportStackupXML
Intersect	ModifyNetClass	Move
PageSetup	Paste	PasteFullDesign
PinConnectivity	PlaceDesign	Point
Polygon	PositionRelative	PushExcitations
RemoveLayer	RemovePort	RemovePortsFromAllNets
RemovePortsFromNet	RemovePortsOnComponents	RemoveVoltageRegulators
ResyncGeometry	ReverseLine	Rotate
SanitizeLayout	Select	SelectAll
SelectAllNetViolations	SelectFirstViolation	SelectNetConnected
SelectPhysicallyConnected	SetActiveUnits	SetCS
SetHfssExtentsVisible	SetHfssPortsVisible	SetLayerMapping
SetMCADInstanceAttributes	SetMCADModelOrigin	SetNetColor
SetNetVisible	SetPropertyValue	Snap3D
StitchLines	Subtract	ToggleNetHighlight
ToggleViaPin	Ungroup	Unite

UnselectAll  
ZoomToFit  
\_\_doc\_\_  
\_\_hash\_\_  
\_\_reduce\_\_  
\_\_setattr\_\_  
\_\_subclasshook\_\_

UpdateModels  
\_\_class\_\_  
\_\_format\_\_  
\_\_init\_\_  
\_\_reduce\_ex\_\_  
\_\_sizeof\_\_

UpdateVoltageRegulators  
\_\_delattr\_\_  
\_\_getattribute\_\_  
\_\_new\_\_  
\_\_repr\_\_  
\_\_str\_\_

## module-Optimetrics

CopySetup  
EditSetup  
ExportDOELocalSensitivityCurve  
ExportDOEResponseSurface  
ExportOptimetricsResult  
ExportRespSurfacePlotToFile  
ExportRespSurfaceVerificationPoints  
GetOptimetricResultRowCount  
ImportSetup  
RenameSetup  
\_\_class\_\_  
\_\_format\_\_  
\_\_init\_\_  
\_\_reduce\_ex\_\_  
\_\_sizeof\_\_

DeleteSetups  
EnableSetup  
ExportDOEResponseCurve  
ExportDXConfigFile  
ExportParametricResults  
ExportRespSurfaceRefinePoints  
GenerateVariationData  
GetSetupNames  
InsertSetup  
SolveAllSetup  
\_\_delattr\_\_  
\_\_getattribute\_\_  
\_\_new\_\_  
\_\_repr\_\_  
\_\_str\_\_

DistributedAnalyzeSetup  
ExportDOELocalSensitivity  
ExportDOEResponseCurveSlices  
ExportOptimetricsProfile  
ExportRespSurfaceMinMaxTable  
ExportRespSurfaceResponsePoints  
GetOptimetricResult  
GetSetupNamesByType  
PasteSetup  
SolveSetup  
\_\_doc\_\_  
\_\_hash\_\_  
\_\_reduce\_\_  
\_\_setattr\_\_  
\_\_subclasshook\_\_

## module-SolveSetups

Add  
Analyze  
DeleteMeshOperation  
DisplayMesh  
EditMeshOperation  
ExportToQ3d  
GetSetupData  
GetSweeps  
ListVariations  
RenameMeshOperation  
ShowMeshErrorDialog  
\_\_delattr\_\_  
\_\_getattribute\_\_  
\_\_new\_\_  
\_\_repr\_\_  
\_\_str\_\_

AddMeshOperation  
AnalyzeSweep  
DeleteMeshOperations  
DynamicMeshOverlays  
EditSweep  
GenerateModelMesh  
GetSetups  
Layout3DMeshOverlay  
RefreshMeshOverlays  
RenameSweep  
Validate  
\_\_doc\_\_  
\_\_hash\_\_  
\_\_reduce\_\_  
\_\_setattr\_\_  
\_\_subclasshook\_\_

AddSweep  
Delete  
DeleteSweep  
Edit  
ExportToHfss  
GetAllSolutionNames  
GetSweepInfo  
LayoutMeshOverlay  
Rename  
RevertToInitialMesh  
\_\_class\_\_  
\_\_format\_\_  
\_\_init\_\_  
\_\_reduce\_ex\_\_  
\_\_sizeof\_\_

## module-FieldsReporter

AddMarker  
AddNamedExpression  
CalcStack  
CalculatorWrite  
ClcMaterial  
ClearAllNamedExpr

AddMarkerToPlot  
CalcOp  
CalcWrite  
ChangeGeomSettings  
ClcMaterialValue  
CopyNamedExprToStack

AddNamedExpr  
CalcRead  
CalculatorRead  
ClcEval  
ClearAllMarkers  
CreateFieldPlot

DeleteFieldPlot	DeleteMarker	DeleteNamedExpr
DeleteUneditablePlot	DoesNamedExpressionExists	DumpCalculatorStack
EnterComplex	EnterComplexVector	EnterCoord
EnterEdge	EnterLine	EnterOutputVar
EnterPoint	EnterQty	EnterScalar
EnterScalarFunc	EnterSurf	EnterVector
EnterVectorFunc	EnterVol	ExportFieldPlot
ExportMarkerTable	ExportOnGrid	ExportPlotImageToFile
ExportToFile	GetFieldFolderNames	GetFieldPlotNames
GetMeshPlotNames	GetTopEntryValue	HideAntennaParameterOverlay
HidePolarPlot	HideRadiatedPlotOverlay	LoadNamedExpressions
ModifyFieldPlot	ReassignFieldPlot	RenameFieldPlot
RenamePlotFolder	SaveFieldsPlots	SaveNamedExpressions
SetFieldPlotSettings	SetFieldTypeSettings	SetPlotFolderSettings
SetPlotsSolutionContext	SetPlotsViewSolutionContext	ShowAntennaParameterOverlay
ShowPolarPlot	ShowRadiatedPlotOverlay	Test
UpdateAllFieldsPlots	UpdateQuantityFieldsPlots	XForm
__class__	__delattr__	__doc__
__format__	__getattr__	__hash__
__init__	__new__	__reduce__
__reduce_ex__	__repr__	__setattr__
__sizeof__	__str__	__subclasshook__

## module-ReportSetup

AddAllEyeMeasurements	AddCartesianLimitLine	AddCartesianLimitLineFromCurve
AddCartesianLimitLineFromEquation	AddCartesianXMarker	AddCartesianYMarker
AddCartesianYMarkerToStack	AddDeltaMarker	AddMarker
AddNote	AddTraceCharacteristics	AddTraces
ApplyReportTemplate	ChangeProperty	ClearAllMarkers
ClearAllTraceCharacteristics	CloneReportsFromDatasetSolution	CompareReportDataForRegressionTesting
CompareReportDataForRegressionTesting2	CompareTracesForRegressionTesting	CompareTracesForRegressionTesting2
CopyPlotSettings	CopyReportDefinitions	CopyReportsData
CopyTraceDefinitions	CopyTracesData	CreateReport
CreateReportFromFile	CreateReportFromTemplate	CreateReportOfAllQuantities
DeleteAllReports	DeleteReports	DeleteTraceCharacteristics
DeleteTraces	DoesSupportTraceCharacteristics	DumpAllReportsData
DumpReportDataForRegressionTesting	EditCartesianXMarker	EditCartesianYMarker
EditMarker	ExportEyeMaskViolation	ExportImageToFile
ExportReportDataToFile	ExportTableToFile	ExportToFile
ExportUniformPointsToFile	GetAllCategories	GetAllQuantities
GetAllReportNames	GetAvailableDisplayTypes	GetAvailableReportTypes
GetAvailableSolutions	GetDisplayType	GetDynLinkIntrinsicVariables
GetDynLinkQtyData	GetDynLinkQtyValueState	GetDynLinkTraces
GetDynLinkVariableValues	GetPropertyValue	GetQtyExpressionsForSourceTrace
GetReportSummaryForRegressionTesting	GetReportTraceNames	GetSolutionContexts
GroupPlotCurvesByGroupingStrategy	ImportIntoReport	ImportReportDataIntoReport
MovePlotCurvesToGroup	MovePlotCurvesToNewGroup	OpenWindowForAllReports
OpenWindowForReports	PastePlotSettings	PasteReports
PasteReportsWithLegacyNames	PasteTraces	PasteTracesWithLegacyNames
RenameReport	RenameTrace	ResetPlotSettings
SavePlotSettingsAsDefault	SetLinkOutputTraces	UngroupPlotCurvesInGroup
UpdateAllReports	UpdateReports	UpdateTraces
UpdateTracesContextAndSweeps	__class__	__delattr__

\_\_doc\_\_  
\_\_hash\_\_  
\_\_reduce\_\_  
\_\_setattr\_\_  
\_\_subclasshook\_\_

\_\_format\_\_  
\_\_init\_\_  
\_\_reduce\_ex\_\_  
\_\_sizeof\_\_

\_\_getattribute\_\_  
\_\_new\_\_  
\_\_repr\_\_  
\_\_str\_\_

## module-OutputVariable

CreateOutputVariable  
EditOutputVariable  
GetOutputVariables  
\_\_delattr\_\_  
\_\_getattribute\_\_  
\_\_new\_\_  
\_\_repr\_\_  
\_\_str\_\_

DeleteOutputVariable  
ExportOutputVariables  
ImportOutputVariables  
\_\_doc\_\_  
\_\_hash\_\_  
\_\_reduce\_\_  
\_\_setattr\_\_  
\_\_subclasshook\_\_

DoesOutputVariableExist  
GetOutputVariableValue  
\_\_class\_\_  
\_\_format\_\_  
\_\_init\_\_  
\_\_reduce\_ex\_\_  
\_\_sizeof\_\_

## module-UserDefinedSolutionModule

CreateUserDefinedSolution  
GetUserDefinedSolutionNames  
\_\_delattr\_\_  
\_\_getattribute\_\_  
\_\_new\_\_  
\_\_repr\_\_  
\_\_str\_\_

DeleteUserDefinedSolutions  
GetUserDefinedSolutionProperties  
\_\_doc\_\_  
\_\_hash\_\_  
\_\_reduce\_\_  
\_\_setattr\_\_  
\_\_subclasshook\_\_

EditUserDefinedSolution  
\_\_class\_\_  
\_\_format\_\_  
\_\_init\_\_  
\_\_reduce\_ex\_\_  
\_\_sizeof\_\_

## module-DV

AddRuleSet  
DeleteRun  
RenameRuleSet  
RunAllRuleSetDV  
\_\_delattr\_\_  
\_\_getattribute\_\_  
\_\_new\_\_  
\_\_repr\_\_  
\_\_str\_\_

AddRun  
EditRuleSet  
RenameRun  
RunDV  
\_\_doc\_\_  
\_\_hash\_\_  
\_\_reduce\_\_  
\_\_setattr\_\_  
\_\_subclasshook\_\_

DeleteRuleSet  
EditRun  
RunAllDV  
\_\_class\_\_  
\_\_format\_\_  
\_\_init\_\_  
\_\_reduce\_ex\_\_  
\_\_sizeof\_\_

## module-Excitations

Add  
AlphaNumericCircuitMatrix  
CoupleEdgePorts  
DeleteDCIRPort  
DeleteSource  
EditExcitations  
GetAllPortsList  
RemoveRefPort  
ReorderCircuitMatrix  
SelectInLayout  
SetDiffPairs  
\_\_delattr\_\_

AddRefPort  
AlphaNumericMatrix  
DecoupleEdgePorts  
DeleteExcitation  
Edit  
GetAllBoundariesList  
LoadDiffPairsFromFile  
Rename  
ReorderMatrix  
SetCircuitDiffPairs  
UpdateSources  
\_\_doc\_\_

AddRefPortUsingEdges  
ConvertToCoax  
Delete  
DeleteProbePortAndVia  
EditCircuitPort  
GetAllCircuitPortsList  
MultiEdit  
RenameSource  
SaveDiffPairsToFile  
SetCircuitExcitations  
\_\_class\_\_  
\_\_format\_\_

\_\_getattribute\_\_  
\_\_new\_\_  
\_\_repr\_\_  
\_\_str\_\_

\_\_hash\_\_  
\_\_reduce\_\_  
\_\_setattr\_\_  
\_\_subclasshook\_\_

\_\_init\_\_  
\_\_reduce\_ex\_\_  
\_\_sizeof\_\_