oDesktop

AddMessage	ClearMessages	CloseAllWindows
CloseProject	CloseProjectNoForce	DeleteProject
DeleteRegistryEntry	DoesRegistryValueExist	DownloadJobResults
EnableAutoSave	ExportOptionsFiles	GetActiveProject
GetAutoSaveEnabled	GetBuildDateTimeString	GetDefaultUnit
GetDistributedAnalysisMachines	GetDistributedAnalysisMachinesForDesignType	GetExeDir
GetGDIObjectCount	GetLibraryDirectory	GetLocalizationHelper
GetMessages	GetPersonalLibDirectory	GetProcessID
GetProjectDirectory	GetProjectList	GetProjects
GetRegistryInt	GetRegistryString	GetRunningInstancesMgr
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	ShowDockingWindow
Sleep	SubmitJob	TileWindows

oProject

AddDataset	AddMaterial	AnalyzeAll
ChangeProperty	ClearMessages	CloneMaterial
Close	CopyDesign	CutDesign
DeleteDataset	DeleteDesign	DeleteToolObject
EditDataset	EditMaterial	ExportDataset
ExportMaterial	GetActiveDesign	GetArrayVariables
GetChildNames	GetChildObject	GetChildTypes
GetConfigurableData	GetDefinitionManager	GetDependentFiles
GetDesign	GetDesigns	GetEDBHandle
GetLegacyName	GetName	GetObjPath
GetPath	GetPropNames	GetPropValue
GetProperties	GetPropertyValue	GetTopDesignList
GetVariableValue	GetVariables	ImportDataset
InsertDesign	InsertDesignWithWorkflow	InsertToolObject
Paste	PasteDesignBlock	Redo
RemoveAllUnusedDefinitions	RemoveMaterial	RemoveUnusedDefinitions
Rename	Save	SaveAs
SaveAsStandAloneProject	SaveProjectArchive	SetActiveDefinitionEditor
SetActiveDesign	SetPropValue	SetPropertyValue
SetVariableValue	SimulateAll	Undo
UpdateDefinitions		

oDefinitionManager

AddComponent	AddDataset	AddFootprint
AddMaterial	AddPadstack	AddScript
AddSurfaceMaterial	AddSymbol	ChangeProperty
CloneMaterial	CreateComponentData	DeleteDataset

DoesMaterialExist	DoesSurfaceMaterialExist	EditComponent
EditDataset	EditFootprint	EditMaterial
EditPadstack	EditScript	EditSurfaceMaterial
EditSymbol	ExportComponent	ExportDataset
ExportFootprint	ExportMaterial	ExportPadstack
ExportScript	ExportSurfaceMaterial	ExportSymbol
GetInUseProjectMaterialNames	GetManager	GetMaterialNamesInConfiguredLibraries
GetProjectMaterialNames	GetProperties	GetPropertyValue
ImportDataset	ModifyLibraries	RemoveComponent
RemoveFootprint	RemoveMaterial	RemovePadstack
RemoveScript	RemoveSurfaceMaterial	RemoveSymbol
SetPropertyValue	UpdateDefinition	UpdateDefinitionFromLib

oDesign

AbortSolveAsynch	AddDataset	Analyze
AnalyzeAll	AnalyzeAllNominal	AnalyzeDistributed
ApplyMeshOps	ChangeProperty	ClearLinkedData
ConstructVariationString	DeleteDataset	DeleteFieldVariation
DeleteFullVariation	DeleteLinkedDataVariation	DeleteVariation
DistributeAnalysis	EditDataset	EditNotes
ExportConvergence	ExportDataset	ExportMeshStats
ExportProfile	GenerateMesh	GenerateModelDef
GenerateModelDefForMeshAssemblyManager	GenerateSolverInputFiles	GetArrayVariables
GetChildNames	GetChildObject	GetChildTypes
GetConfigurableData	GetData	GetDataVersion
GetDesignType	GetDesignValidationInfo	GetModule
GetName	GetNominalVariation	GetNoteText
GetObjPath	GetOutputVariableValue	GetOutputVariables
GetPostProcessingVariables	GetPropNames	GetPropValue
GetProperties	GetPropertyValue	GetSolutionType
GetSolveAsynchStatus	GetSolveInsideThreshold	GetVariableValue
GetVariables	GetVariationVariableValue	HasDataset
ImportDataset	IsDesignEncrypted	Paste
Redo	RenameDesignInstance	RunToolkit
SARSetup	SetActiveEditor	SetAllowMaterialOverride
SetDesignSettings	SetDoMeshAssembly	SetObjectDeformation
SetObjectTemperature	SetPropValue	SetPropertyValue
SetSolutionType	SetSolveInsideThreshold	SetTuningRanges
SetVariableValue	SimulateLink	Solve
SolveAsynch	StopSimLink	Undo
ValidateDesign	ValidateLink	

Editor

AddViewOrientation	AlignFaces	AssignMaterial
AssignSurfaceMaterial	BreakUDMConnection	Chamfer
ChangeProperty	CleanUpModel	CloseAllWindows
Connect	Copy	CoverLines
CoverSurfaces	Create3DComponent	CreateBondwire
CreateBox	CreateCircle	CreateComponent
CreateCone	CreateCutplane	CreateCylinder
CreateEllipse	CreateEntityList	CreateEquationCurve
CreateEquationSurface	CreateFaceCS	CreateGroup
CreateHelix	CreateObjectCS	CreateObjectFromEdges
CreateObjectFromFace	CreateObjectFromFaces	CreatePoint

CreatePolyline	CreateRectangle	CreateRegion
CreateRegularPolygon	CreateRegularPolyhedron	CreateRelativeCS
CreateSphere	CreateSpiral	CreateTorus
CreateUserDefinedModel	CreateUserDefinedPart	CustomGeometryOperation
Defeature	DeletPolylinePoint	Delete
DeleteEmptyGroups	DeleteLastOperation	DeleteOperation
DeletePolylinePoint	DetachEdge	DetachEdges
DetachFace	DetachFaces	DoModalValidationForTest
DoesGeometryMatchForTest	DuplicateAlongLine	DuplicateAroundAxis
DuplicateMirror	Edit3DComponent	Edit3DComponentDefinition
EditEntityList	EditFaceCS	EditNativeComponentDefinition
EditObjectCS	EditPolyline	EditRelativeCS
Export	ExportGDSII	ExportModelImageToFile
Fillet	FitAll	FlattenGroup
GenerateAllUserDefinedModels	GenerateFacetDataForModel	GenerateHistory
GenerateUserDefinedModel	Get3DComponentDefinitionNames	Get3DComponentInstanceNames
Get3DComponentMaterialNames	Get3DComponentMaterialProperties	Get3DComponentParameters
Get3DComponentPartNames	GetActiveCoordinateSystem	GetBodyNamesByPosition
GetChildNames	GetChildObject	GetChildTypes
GetCoordinateSystems	GetEdgeByPosition	GetEdgeIDFromNameForFirstOperation
GetEdgeIDsFromFace	GetEdgeIDsFromObject	GetEdgeLength
GetEdgePositionAtNormalizedParameter	GetEntityListIDByName	GetFaceArea
GetFaceByPosition	GetFaceCenter	GetFaceIDFromNameForFirstOperation
GetFaceIDs	GetFaceIDsOfSheet	GetFullGeometry
GetGeometryModelerMode	GetGroupSubmodelNames	GetMatchedObjectName
GetModelBoundingBox	GetModelDrawAttributes	GetModelUnits
GetName	GetNumObjects	GetObjPath
GetObjectIDByName	GetObjectName	GetObjectNameByEdgeID
GetObjectNameByFaceID	GetObjectNameByID	GetObjectNameByVertexID
GetObjectShapeType	GetObjectsByMaterial	GetObjectsInGroup
GetOperationIndex	GetPartsForUserDefinedModel	GetPoints
GetPropNames	GetPropValue	GetProperties
GetPropertyValue	GetRelativeCoordinateSystems	GetSelections
GetSubGroupsInGroup	GetUserPosition	GetVertexIDFromNameForFirstOperation
GetVertexIDsFromEdge	GetVertexIDsFromFace	GetVertexIDsFromObject
GetVertexPosition	GetWireBodyNames	HealObject
Import	ImportDXF	ImportFromClipboard
ImportGDSII	Imprint	ImprintProjection
Insert3DComponent	InsertComponent	InsertNativeComponent
InsertPolylineSegment	Intersect	Make3DComponentIndenpendent
Mirror	Move	MoveCSToEnd
MoveEdges	MoveEntityToGroup	MoveFaces
ObjectExists	OffsetFaces	OpenExternalEditor
PageSetup	Paste	PerformExplicitSubtractions
ProjectSheet	ProjectUDPParametersToValidPlane	ProjectUDPParametersToValidPlane2
PurgeHistory	RefreshAllUserDefinedModelFrom	RefreshUserDefinedModelFrom
RefreshUserDefinedModelTo	RemoveBadEdges	RemoveBadFaces
RemoveBadVertices	RenamePart	ReplaceWith3DComponent
Rotate	Scale	Section
SendParametersAndGenerateUserDefineModel	SeparateBody	SetModelUnits
SetModelValidationSettings	SetPropValue	SetPropertyValue
SetTopDownViewDirectionForActiveView	SetTopDownViewDirectionForAllViews	SetWCS
ShowWindow	Simplify	Split
Stitch	Subtract	SweepAlongPath
SweepAlongVector	SweepAroundAxis	SweepFacesAlongNormal
SweepFacesAlongNormalWithAttributes	ThickenSheet	UncoverFaces

Ungroup	Unite	UpdateComponentDefinition
UpdatePriorityList	UpgradeVersion	Validate3DComponent
WrapSheet	WriteAttributesBlockForTest	WriteHistoryTreeLayoutForTest

oTool-NdExplorer

| CheckCausality | ExportFullWaveSpice | ExportNMFData |
| ExportNetworkData | ExtractImpulseResponse | SetExportTouchstoneOptions |

oTool-ImportExport

ImportANF	ImportANFV2	ImportAWRMicrowaveOffice
ImportAutoCAD	ImportEDB	ImportExtracta
ImportGDSII	ImportGerber	ImportIDF
ImportIDFandMerge	ImportIPC	ImportODB
ImportXFL		

oModule-BoundarySetup

AddAssignmentToBoundary	AlphaNumericMatrix	AssignAnisotropicImpedance
AssignAperture	AssignCableNetwork	AssignCircuitPort
AssignCurrent	AssignCylindricalWave	AssignDCThickness
AssignDielectricCavity	AssignFEBI	AssignFarFieldWave
AssignFiniteCond	AssignFloquetPort	AssignFresnel
AssignGaussianBeam	AssignHalfSpace	AssignHertzianDipoleWave
AssignHybridRegion	AssignIERegion	AssignImpedance
AssignIncidentWave	AssignLatticePair	AssignLayeredImp
AssignLinearAntennaWave	AssignLinkedImpedance	AssignLinkedRegion
AssignLumpedPort	AssignLumpedRLC	AssignMagneticBias
AssignMaster	AssignMultipactionChargeRegion	AssignMultipactionDCBias
AssignMultipactionSEE	AssignNearFieldWave	AssignPerfectE
AssignPerfectH	AssignPlaneWave	AssignPrimary
AssignRadiation	AssignSecondary	AssignSlave
AssignSymmetry	AssignTerminal	AssignVoltage
AssignWavePort	AutoIdentifyLatticePair	AutoIdentifyPorts
AutoIdentifyTerminals	ChangeImpedanceMult	CircuitPortToLumpedPort
ConvertNportCircuitElementToPorts	CreateNportCircuitElement	CreatePML
DeleteAllBoundaries	DeleteAllExcitations	DeleteBoundaries
EditAnisotropicImpedance	EditAperture	EditCableNetwork
EditCircuitPort	EditCurrent	EditDielectricCavity
EditDiffPairs	EditFEBI	EditFiniteCond
EditFloquetPort	EditFresnel	EditGlobalCurrentSourcesOption
EditGlobalMatEnv	EditHalfSpace	EditHybridRegion
EditImpedance	EditIncidentWave	EditLatticePair
EditLayeredImp	EditLinkedImpedance	EditLinkedRegion
EditLumpedPort	EditLumpedRLC	EditMagneticBias
EditMaster	EditMultipactionChargeRegion	EditMultipactionDCBias
EditMultipactionSEE	EditNportCircuitElement	EditPerfectE
EditPerfectH	EditPrimary	EditRadiation
EditSecondary	EditSlave	EditSymmetry
EditTerminal	EditVoltage	EditWavePort
GetBoundaries	GetBoundariesOfType	GetBoundaryAssignment
GetDefaultBaseName	GetDiffPairs	GetExcitations
GetExcitationsOfType	GetHybridRegions	GetHybridRegionsOfType
GetNumBoundaries	GetNumBoundariesOfType	GetNumExcitations
GetNumExcitationsOfType	GetNumHybridRegions	GetNumHybridRegionsOfType
GetPortExcitationCounts	IdentifyNets	LumpedPortToCircuitPort

ModifyPMLGroup	PMLGroupCreated	PMLGroupModified
ReassignBoundary	RecalculatePMLMaterials	RemoveAssignmentFromBoundary
RenameBoundary	ReorderMatrix	ReprioritizeBoundaries
SetAllHybridRegionsToOneWayCoupled	SetAllHybridRegionsToTwoWayCoupled	SetDefaultBaseName
SetHybridRegionsCoupling	SetPhaseCenterPerPort	SetSBRCreepingWaveSettings
SetSBRSources	SetSBRTxRxSettings	SetSBRWedgeSettings
SetScatteredFieldFormulation	SetSinglePhaseCenter	SetTerminalReferenceImpedances
SetTotalFieldFormulation	SwapCircuitPortDirection	SwapLatticePair

oModule-MeshSetup

AssignApplyCurvlinearElementsOp	AssignCloneOp	AssignCurvatureExtractionOp
AssignCylindricalGapOp	AssignDefeatureOp	AssignDensityControlOp
AssignEdgeCutLayerOp	AssignLengthOp	AssignModelResolutionOp
AssignRotationalLayerOp	AssignSkinDepthOp	AssignSurfPriorityForTauOp
AssignTrueSurfOp	DeleteOp	EditApplyCurvlinearElementsOp
EditCloneOp	EditCurvatureExtractionOp	EditCylindricalGapOp
EditDefeatureOp	EditDensityControlOp	EditEdgeCutLayerOp
EditLengthOp	EditModelResolutionOp	EditRotationalLayerOp
EditSkinDepthOp	EditSurfPriorityOp	EditTrueSurfOp
GetOperationNames	InitialMeshSettings	ReassignOp
RenameOp		

oModule-AnalysisSetup

ClearLinkedData	CopyDrivenSetup	CopyEigenSetup
CopySweep	DeleteDrivenSweep	DeleteSetups
DeleteSweep	DoesSweepSetupExists	EditDrivenSweep
EditFrequencySweep	EditSetup	GetSetupCount
GetSetups	GetSweepCount	GetSweeps
InsertDrivenSweep	InsertFrequencySweep	InsertMeshLinkedSetup
InsertSetup	PasteDrivenSetup	PasteEigenSetup
PasteSweep	RenameDrivenSweep	RenameSetup
RenameSweep	ResetToTimeZero	RevertAllToInitial
RevertAllToInitialTemperature	RevertAllToZeroDisplacement	RevertSetupToInitial
RevertSetupToInitialTemperature	RevertSetupToZeroDisplacement	SolveSetup

oModule-Optimetrics

CopySetup	DeleteSetups	DistributedAnalyzeSetup
EditSetup	EnableSetup	ExportDOELocalSensitivity
ExportDOELocalSensitivityCurve	ExportDOEResponseCurve	ExportDOEResponseCurveSlices
ExportDOEResponseSurface	ExportDXConfigFile	ExportOptimetricsProfile
ExportOptimetricsResult	ExportParametricResults	ExportParametricSetupTable
ExportRespSurfaceMinMaxTable	ExportRespSurfacePlotToFile	ExportRespSurfaceRefinePoints
ExportRespSurfaceResponsePoints	ExportRespSurfaceVerificationPoints	GenerateVariationData
GetChildNames	GetChildObject	GetChildTypes
GetName	GetObjPath	GetOptimetricResult
GetOptimetricResultRowCount	GetPropNames	GetPropValue
GetSetupNames	GetSetupNamesByType	ImportSetup
InsertSetup	PasteSetup	RenameSetup
SetPropValue	SolveAllSetup	SolveSetup

oModule-Solutions

DeleteImportData	DeleteSolutionVariation	EditSources

ExportEigenmodes	ExportForHSpice	ExportForSpice
ExportNMFData	ExportNetworkData	ExportTransientData
ExportWElement	FFTOnReport	GetAdaptiveFreq
GetAdaptiveSettings	GetAllSourceMagnitudes	GetAllSourceModes
GetAllSourcePhases	GetAllSources	GetAntennaParameters
GetAvailableVariations	GetEditSourcesCount	GetExcitationScaling
GetFieldType	GetIncludePortPostProcessing	GetMultipactionBreakdown
GetNetworkDataSolution	GetNetworkDataSolutionDefinition	GetNetworkDataSolutionV2
GetNetworkPostprocSetup	GetSolveRangeInfo	GetSourceContexts
GetTerminalExcitationType	GetTransientSolveTimes	GetTransmissionLineNetworkData
GetValidISolutionList	HasFields	HasMatrixData
HasMesh	ImportSolution	ImportTable
IsFieldAvailableAt	ListMatchingVariations	ListValuesOfVariable
ListVariations	SetExcitationScaling	SetPortSourcesUsingVoltageAndCurrent
SetSourceContexts	SetTuningOffsets	TDROnReport

oModule-ModelSetup

AssignArray	CreateOpenRegion	DeleteArray
EditArray	GetArrayNames	GetLatticeVectors
IsArrayDefined	UpdateOpenRegionPadding	

oModule-FieldsReporter

AddMarker	AddMarkerToPlot	AddNamedExpr
AddNamedExpression	CalcOp	CalcRead
CalcStack	CalcWrite	CalculatorRead
CalculatorWrite	ChangeGeomSettings	ClcEval
ClcMaterial	ClcMaterialValue	ClearAllMarkers
ClearAllNamedExpr	CopyNamedExprToStack	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

oModule-RadField

AddAntennaOverlay	AddRadFieldSourceGroup	CopyRadFieldSetup
CopySetup	DeleteFarFieldSetup	DeleteNearFieldSetup
DeleteSetup	EditAntennaArraySetup	EditAntennaOverlay
EditBoxSetup	EditFarFieldSphereSetup	EditInfiniteSphereSetup
EditLineSetup	EditNearFieldBoxSetup	EditNearFieldLineSetup
EditNearFieldRectangleSetup	EditNearFieldSphereSetup	EditRadFieldSourceGroup
EditRadiatedPowerCalculationMethod	EditRectangleSetup	EditSphereSetup

ExportFieldsToFile	ExportParametersToFile	ExportRadarRom
ExportRadiationFieldsToFile	ExportRadiationParametersToFile	ExportRadiationSurfaceMeshAndFields
GetChildNames	GetChildObject	GetChildTypes
GetInfiniteGroundPlaneCoordSystem	GetName	GetObjPath
GetPropNames	GetPropValue	GetSetupNames
InsertBoxSetup	InsertFarFieldSphereSetup	InsertInfiniteSphereSetup
InsertLineSetup	InsertNearFieldBoxSetup	InsertNearFieldLineSetup
InsertNearFieldRectangleSetup	InsertNearFieldSphereSetup	InsertRectangleSetup
InsertSphereSetup	PasteRadFieldSetup	PasteSetup
RenameSetup	SetPropValue	

oModule-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	GetChildNames	GetChildObject
GetChildTypes	GetCurvePropServerName	GetDisplayType
GetDynLinkIntrinsicVariables	GetDynLinkQtyData	GetDynLinkQtyValueState
GetDynLinkTraces	GetDynLinkVariableValues	GetName
GetObjPath	GetPropNames	GetPropValue
GetPropertyValue	GetQtyExpressionsForSourceTrace	GetReportSummaryForRegressionTesting
GetReportTraceNames	GetSolutionContexts	GetSolutionDataPerVariation
GroupPlotCurvesByGroupingStrategy	ImportIntoReport	ImportReportDataIntoReport
MovePlotCurvesToGroup	MovePlotCurvesToNewGroup	OpenWindowForAllReports
OpenWindowForReports	PastePlotSettings	PasteReports
PasteReportsWithLegacyNames	PasteTraces	PasteTracesWithLegacyNames
RenameReport	RenameTrace	ResetPlotSettings
SavePlotSettingsAsDefault	SetLinkOutputTraces	SetPropValue
UngroupPlotCurvesInGroup	UpdateAllReports	UpdateReports
UpdateTraces	UpdateTracesContextAndSweeps	

oModule-OutputVariable

CreateOutputVariable	DeleteOutputVariable	DoesOutputVariableExist
EditOutputVariable	ExportOutputVariables	GetOutputVariableValue
GetOutputVariables	ImportOutputVariables	

oModule-UserDefinedSolutionModule

| CreateUserDefinedSolution | DeleteUserDefinedSolutions | EditUserDefinedSolution |
| GetUserDefinedSolutionNames | GetUserDefinedSolutionProperties | |