

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

AddDataset

Analyze

AnalyzeAll

AnalyzeAllNominal

ApplyMeshOps

ChangeProperty

ConstructVariationString

Create2DDesign

DeleteDataset

DeleteFieldVariation

DeleteFullVariation

DeleteLinkedDataVariation

DeleteVariation

EditDataset

EditNotes

ExportConvergence

ExportDataset

ExportMatrixData

ExportMeshStats

ExportNMFData

ExportNetworkData

ExportProfile

GenerateMesh

GetArrayVariables

GetChildNames

GetChildObject

GetChildTypes

GetConfigurableData

GetData

GetDataVersion

GetDesignType

GetDesignValidationInfo

GetModule

GetName

GetNominalVariation

GetNoteText

GetObjPath

GetPostProcessingVariables

GetPropNames

GetPropValue

GetProperties

GetPropertyValue

GetVariableValue

GetVariables

GetVariationVariableValue

ImportDataset

Paste

Redo

RenameDesignInstance

RunToolkit

SetActiveEditor

SetAllowMaterialOverride

SetBackgroundMaterial

SetDesignSettings

SetObjectTemperature

SetPropValue

SetPropertyValue

SetVariableValue

SimulateLink

Solve

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	GetPosition	GetVertexIDFromNameForFirstOperation
GetVertexIDsFromEdge	GetVertexIDsFromFace	GetVertexIDsFromObject
GetVertexPosition	GetWireBodyNames	HealObject
Import	ImportDXF	ImportFromClipboard
ImportGDSII	Imprint	ImprintProjection
Insert3DComponent	InsertComponent	InsertNativeComponent
InsertPolylineSegment	Intersect	Make3DComponentIndependent
Mirror	Move	MoveCSToEnd
MoveEdges	MoveEntityToGroup	MoveFaces
ObjectExists	OffsetFaces	OpenExternalEditor
PageSetup	Paste	PerformExplicitSubtractions
ProjectSheet	ProjectUDPPParametersToValidPlane	ProjectUDPPParametersToValidPlane2
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

CheckCausality
ExportNetworkData

ExportFullWaveSpice
ExtractImpulseResponse

ExportNMFData
SetExportTouchstoneOptions

oTool-ImportExport

ImportANF
ImportAutoCAD
ImportGDSII
ImportIDFandMerge
ImportXFL

ImportANFV2
ImportEDB
ImportGerber
ImportIPC

ImportAWRMicrowaveOffice
ImportExtracta
ImportIDF
ImportODB

oModule-BoundarySetup

AddAssignmentToBoundary
AssignGroundNet
AssignSignalNet
AssignTerminals
DeleteAllBoundaries
EditInfiniteGround
EditThinConductor
GetNumExcitations
RenameBoundary
SetMaterialThresholds

Assign2DTerminals
AssignInfiniteGround
AssignSink
AssignThinConductor
DeleteAllExcitations
EditNet
GetExcitationAssignment
ReassignBoundary
ReprioritizeNetTypes
ToggleNet

AssignFloatingNet
AssignNet
AssignSource
AutoIdentifyNets
DeleteBoundaries
EditTerminal
GetExcitations
RemoveAssignmentFromBoundary
SetConductivityThreshold
ToggleTerminal

oModule-MeshSetup

AssignApplyCurvilinearElementsOp
AssignCylindricalGapOp
AssignEdgeCutLayerOp
AssignRotationalLayerOp
AssignTrueSurfOp
EditCloneOp
EditDefeatureOp
EditLengthOp
EditSkinDepthOp
GetOperationNames
RenameOp

AssignCloneOp
AssignDefeatureOp
AssignLengthOp
AssignSkinDepthOp
DeleteOp
EditCurvatureExtractionOp
EditDensityControlOp
EditModelResolutionOp
EditSurfPriorityOp
InitialMeshSettings

AssignCurvatureExtractionOp
AssignDensityControlOp
AssignModelResolutionOp
AssignSurfPriorityForTauOp
EditApplyCurvilinearElementsOp
EditCylindricalGapOp
EditEdgeCutLayerOp
EditRotationalLayerOp
EditTrueSurfOp
ReassignOp

oModule-AnalysisSetup

CopySetup
DeleteSweep
EditSweep
GetSetups
InsertSetup
PasteSweep
RevertAllToInitial
RevertSetupToInitialTemperature

CopySweep
EditCircuitSettings
ExportCircuit
GetSweepCount
InsertSweep
RenameSetup
RevertAllToInitialTemperature

DeleteSetups
EditSetup
GetProblemTypes
GetSweeps
PasteSetup
RenameSweep
RevertSetupToInitial

oModule-Optimetrics

CopySetup
EditSetup
ExportDOELocalSensitivityCurve
ExportDOEResponseSurface
ExportOptimetricsResult
ExportRespSurfaceMinMaxTable

DeleteSetups
EnableSetup
ExportDOEResponseCurve
ExportDXConfigFile
ExportParametricResults
ExportRespSurfacePlotToFile

DistributedAnalyzeSetup
ExportDOELocalSensitivity
ExportDOEResponseCurveSlices
ExportOptimetricsProfile
ExportParametricSetupTable
ExportRespSurfaceRefinePoints

ExportRespSurfaceResponsePoints
GetChildNames
GetName
GetOptimetricResultRowCount
GetSetupNames
InsertSetup
SetPropValue

ExportRespSurfaceVerificationPoints
GetChildObject
GetObjPath
GetPropNames
GetSetupNamesByType
PasteSetup
SolveAllSetup

GenerateVariationData
GetChildTypes
GetOptimetricResult
GetPropValue
ImportSetup
RenameSetup
SolveSetup

oModule-Solutions

DeleteSolutionVariation
GetAvailableVariations
GetNetworkDataSolutionDefinition
HasMatrixData
TDROnReport

EditSources
GetEditSourcesCount
GetValidISolutionList
HasMesh

FFTONReport
GetNetworkDataSolution
HasFields
ListVariations

oModule-FieldsReporter

AddMarker
AddNamedExpression
CalcStack
CalculatorWrite
ClcMaterial
ClearAllNamedExpr
DeleteFieldPlot
DeleteUneditablePlot
EnterComplex
EnterEdge
EnterPoint
EnterScalarFunc
EnterVectorFunc
ExportMarkerTable
ExportToFile
GetMeshPlotNames
HidePolarPlot
ModifyFieldPlot
RenamePlotFolder
SetFieldPlotSettings
SetPlotsSolutionContext
ShowPolarPlot
UpdateAllFieldsPlots

AddMarkerToPlot
CalcOp
CalcWrite
ChangeGeomSettings
ClcMaterialValue
CopyNamedExprToStack
DeleteMarker
DoesNamedExpressionExists
EnterComplexVector
EnterLine
EnterQty
EnterSurf
EnterVol
ExportOnGrid
GetFieldFolderNames
GetTopEntryValue
HideRadiatedPlotOverlay
ReassignFieldPlot
SaveFieldsPlots
SetFieldTypeSettings
SetPlotsViewSolutionContext
ShowRadiatedPlotOverlay
UpdateQuantityFieldsPlots

AddNamedExpr
CalcRead
CalculatorRead
ClcEval
ClearAllMarkers
CreateFieldPlot
DeleteNamedExpr
DumpCalculatorStack
EnterCoord
EnterOutputVar
EnterScalar
EnterVector
ExportFieldPlot
ExportPlotImageToFile
GetFieldPlotNames
HideAntennaParameterOverlay
LoadNamedExpressions
RenameFieldPlot
SaveNamedExpressions
SetPlotFolderSettings
ShowAntennaParameterOverlay
Test
XForm

oModule-RadField

AddAntennaOverlay
CopySetup
DeleteSetup
EditBoxSetup
EditLineSetup
EditNearFieldRectangleSetup
EditRadiatedPowerCalculationMethod
ExportFieldsToFile
ExportRadiationFieldsToFile
GetChildNames
GetInfiniteGroundPlaneCoordSystem
GetPropNames

AddRadFieldSourceGroup
DeleteFarFieldSetup
EditAntennaArraySetup
EditFarFieldSphereSetup
EditNearFieldBoxSetup
EditNearFieldSphereSetup
EditRectangleSetup
ExportParametersToFile
ExportRadiationParametersToFile
GetChildObject
GetName
GetPropValue

CopyRadFieldSetup
DeleteNearFieldSetup
EditAntennaOverlay
EditInfiniteSphereSetup
EditNearFieldLineSetup
EditRadFieldSourceGroup
EditSphereSetup
ExportRadarRom
ExportRadiationSurfaceMeshAndFields
GetChildTypes
GetObjPath
GetSetupNames

InsertBoxSetup
InsertLineSetup
InsertNearFieldRectangleSetup
InsertSphereSetup
RenameSetup

InsertFarFieldSphereSetup
InsertNearFieldBoxSetup
InsertNearFieldSphereSetup
PasteRadFieldSetup
SetPropValue

InsertInfiniteSphereSetup
InsertNearFieldLineSetup
InsertRectangleSetup
PasteSetup

oModule-ReduceMatrix

AlphaNumericMatrix
DupRM
InsertRM
RenameRMO

DeleteRM
DupRMAddOp
RMAddOp
ReorderMatrix

DeleteRMO
EditRM
RenameRM

oModule-ReportSetup

AddAllEyeMeasurements
AddCartesianLimitLineFromEquation
AddCartesianYMarkerToStack
AddNote
ApplyReportTemplate
ClearAllTraceCharacteristics
CompareReportDataForRegressionTesting2
CopyPlotSettings
CopyTraceDefinitions
CreateReportFromFile
DeleteAllReports
DeleteTraces
DumpReportDataForRegressionTesting
EditMarker
ExportReportDataToFile
ExportUniformPointsToFile
GetAllReportNames
GetAvailableSolutions
GetChildTypes
GetDynLinkIntrinsicVariables
GetDynLinkTraces
GetObjPath
GetPropertyValue
GetReportTraceNames
GroupPlotCurvesByGroupingStrategy
MovePlotCurvesToGroup
OpenWindowForReports
PasteReportsWithLegacyNames
RenameReport
SavePlotSettingsAsDefault
UngroupPlotCurvesInGroup
UpdateTraces

AddCartesianLimitLine
AddCartesianXMarker
AddDeltaMarker
AddTraceCharacteristics
ChangeProperty
CloneReportsFromDatasetSolution
CompareTracesForRegressionTesting
CopyReportDefinitions
CopyTracesData
CreateReportFromTemplate
DeleteReports
DoesSupportTraceCharacteristics
EditCartesianXMarker
ExportEyeMaskViolation
ExportTableToFile
GetAllCategories
GetAvailableDisplayTypes
GetChildNames
GetCurvePropServerName
GetDynLinkQtyData
GetDynLinkVariableValues
GetPropNames
GetQtyExpressionsForSourceTrace
GetSolutionContexts
ImportIntoReport
MovePlotCurvesToNewGroup
PastePlotSettings
PasteTraces
RenameTrace
SetLinkOutputTraces
UpdateAllReports
UpdateTracesContextAndSweeps

AddCartesianLimitLineFromCurve
AddCartesianYMarker
AddMarker
AddTraces
ClearAllMarkers
CompareReportDataForRegressionTesting
CompareTracesForRegressionTesting2
CopyReportsData
CreateReport
CreateReportOfAllQuantities
DeleteTraceCharacteristics
DumpAllReportsData
EditCartesianYMarker
ExportImageToFile
ExportToFile
GetAllQuantities
GetAvailableReportTypes
GetChildObject
GetDisplayType
GetDynLinkQtyValueState
GetName
GetPropValue
GetReportSummaryForRegressionTesting
GetSolutionDataPerVariation
ImportReportDataIntoReport
OpenWindowForAllReports
PasteReports
PasteTracesWithLegacyNames
ResetPlotSettings
SetPropValue
UpdateReports

oModule-OutputVariable

CreateOutputVariable
EditOutputVariable
GetOutputVariables

DeleteOutputVariable
ExportOutputVariables
ImportOutputVariables

DoesOutputVariableExist
GetOutputVariableValue

oModule-UserDefinedSolutionModule

CreateUserDefinedSolution
GetUserDefinedSolutionNames

DeleteUserDefinedSolutions
GetUserDefinedSolutionProperties

EditUserDefinedSolution