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
ClearLinkedData	ConstructVariationString	Create2DDesign
CreateParametricCircuit	DeleteDataset	DeleteFieldVariation
DeleteFullVariation	DeleteLinkedDataVariation	DeleteVariation
EditDataset	EditNotes	EnableHarmonicForceCalculation
ExportConvergence	ExportDataset	ExportMeshStats
ExportProfile	GenerateMesh	GetArrayVariables
GetChildNames	GetChildObject	GetChildTypes
GetConfigurableData	GetData	GetDesignType
GetDesignValidationInfo	GetManagedFilesPath	GetModule
GetName	GetNominalVariation	GetNoteText
GetObjPath	GetPostProcessingVariables	GetPropNames
GetPropValue	GetProperties	GetPropertyValue
GetSolutionType	GetVariableValue	GetVariables
GetVariationVariableValue	ImportDataset	InitializeSystemCoupling
Is2D	Is3D	Paste
Redo	RenameDesignInstance	SetActiveEditor
SetConductivityThreshold	SetDesignSettings	SetObjectDeformation
SetObjectTemperature	SetPropValue	SetPropertyValue
SetSolutionType	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	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

AddTerminalstoWinding

AddWindingTerminals

AssignCharge

AssignCoilTerminal

AssignCoilTerminalGroup

AssignCurrent

AssignCurrentDensity

AssignCurrentDensityGroup

AssignCurrentDensityTerminal

AssignCurrentDensityTerminalGroup

AssignCurrentGroup

AssignCylindricalHField

AssignFloating

AssignFluxTangential

AssignImpedance

AssignInsulating

AssignIntegratedZeroTangentialHField

AssignMaster

AssignPermanentMagnetField

AssignRadiation

AssignResistiveSheet

AssignSink

AssignSlave

AssignSymmetry

AssignTangentialHField

AssignVoltage

AssignVoltageAPhi

AssignVoltageAPhiGroup

AssignVoltageDrop

AssignVoltageDropGroup

AssignVoltageGroup

AssignVolumeChargeDensity

AssignWindingGroup

AssignZeroTangentialHField

ComputeOperatingPoints

DeleteAllBoundaries

DeleteAllExcitations

DeleteBoundaries

EditCharge

EditCoilTerminal

EditCurrent

EditCurrentDensity

EditCurrentDensityTerminal

EditCylindricalHField

EditExternalCircuit

EditExternalSimulinkCircuit

EditFloating

EditFluxTangential

EditImpedance

EditInsulating

EditIntegratedZeroTangentialHField

EditMaster

EditPermanentMagnetField

EditRadiation

EditResistiveSheet

EditSink

EditSlave

EditSymmetry

EditTangentialHField

EditVoltage

EditVoltageAPhi

EditVoltageDrop

EditVolumeChargeDensity

EditWindingGroup

EditZeroTangentialHField

GetAssignment

GetBoundaries

GetBoundariesOfType

GetCoreLossEffect

GetCoreLossEffectOnField

GetDisplacementCurrent

GetEddyEffect

GetExcitations

GetExcitationsOfType

GetNumBoundaries

GetNumBoundariesOfType

GetNumExcitations

GetNumExcitationsOfType

ReassignBoundary

RemoveAssignmentFromBoundary

RemoveTerminalFromWinding

RenameBoundary

ReprioritizeBoundaries

SetCoreLoss

SetEddyEffect

SetMagnetizationCompute

SetMinimumTimeStep

SetupYConnection

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	ConfigureFluentConductivityCoupling	CopySetup
DeleteSetups	EditSetup	ExportCircuit
ExportECEData	ExportSolnData	GetSetups
InsertMeshLinkedSetup	InsertSetup	PasteSetup
RenameSetup	ResetAllToTimeZero	ResetSetupToTimeZero
RevertAllToInitial	RevertAllToInitialTemperature	RevertAllToZeroDisplacement
RevertSetupToInitial	RevertSetupToInitialTemperature	RevertSetupToZeroDisplacement

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

| DeleteSolutionVariation | FFTOnReport | GetAvailableVariations |
| GetValidISolutionList | TDROnReport | |

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-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	