oDesktop

AddMessageClearMessagesCloseAllWindowsCloseProjectCloseProjectNoForceDeleteProjectDoesRegistryValueExistDownloadJobResultsEnableAutoSaveExportOptionsFilesGetActiveProjectGetAutoSaveEnabled

GetBuildDateTimeString GetDefaultUnit GetDistributedAnalysisMachines

GetDistributedAnalysisMachinesForDesignType GetExeDir GetGDIObjectCount

GetLibraryDirectory GetLocalizationHelper GetMessages

GetPersonalLibDirectoryGetProcessIDGetProjectDirectoryGetProjectListGetProjectsGetRegistryIntGetRegistryStringGetScriptingToolsHelperGetSysLibDirectory

GetTempDirectory GetTool GetUserLibDirectory
GetVersion LaunchJobMonitor NewProject

OpenAndConvertProjectOpenMultipleProjectsOpenProjectOpenProjectWithConversionPageSetupPauseRecording

PauseScript Print QuitApplication
RefreshJobMonitor ResetLogging RestoreProjectArchive
RestoreWindow ResumeRecording RunACTWizardScript

RunProgram RunScript RunScriptWithArguments
SelectScheduler SetActiveProject SetActiveProjectByPath
SetLibraryDirectory SetProjectDirectory SetRegistryFromFile

SetRegistryInt SetRegistryString SetTempDirectory

ShowDockingWindow Sleep SubmitJob

oProject

TileWindows

AddDatasetAddMaterialAnalyzeAllChangePropertyClearMessagesCloneMaterialCloseCopyDesignCutDesign

DeleteDatasetDeleteDesignDeleteToolObjectEditDatasetEditMaterialExportDatasetExportMaterialGetActiveDesignGetArrayVariablesGetConfigurableDataGetDefinitionManagerGetDependentFilesGetDesignGetDesignsGetEDBHandle

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

oDefinitionManager

AddComponent AddDataset AddFootprint

AddMaterialAddPadstackAddScriptAddSurfaceMaterialAddSymbolChangePropertyCloneMaterialCreateComponentDataDeleteDatasetDoesMaterialExistDoesSurfaceMaterialExistEditComponentEditDatasetEditFootprintEditMaterial

EditPadstackEditScriptEditSurfaceMaterialEditSymbolExportComponentExportDatasetExportFootprintExportMaterialExportPadstackExportScriptExportSurfaceMaterialExportSymbol

GetInUseProjectMaterialNames GetManager GetMaterialNamesInConfiguredLibraries

GetProjectMaterialNames GetProperties GetPropertyValue
ImportDataset ModifyLibraries RemoveComponent
RemoveFootprint RemoveMaterial RemovePadstack
RemoveScript RemoveSurfaceMaterial RemoveSymbol

SetPropertyValue UpdateDefinition UpdateDefinitionFromLib

oDesign

AddDatasetAnalyzeAnalyzeAllAnalyzeAllNominalApplyMeshOpsChangePropertyClearLinkedDataConstructVariationStringCreate2DDesignCreateParametricCircuitDeleteDatasetDeleteFieldVariationDeleteFullVariationDeleteLinkedDataVariationDeleteVariation

EditDataset EditNotes EnableHarmonicForceCalculation

ExportConvergence ExportDataset ExportMeshStats **ExportProfile** GenerateMesh **GetArrayVariables** GetConfigurableData GetData GetDesignType GetDesignValidationInfo GetManagedFilesPath GetModule GetName **GetNominalVariation** GetNoteText GetPostProcessingVariables **GetProperties GetPropertyValue**

GetVariableValue

GetVariationVariableValue ImportDataset InitializeSystemCoupling

GetVariables

Is2D Is3D Paste

RedoRenameDesignInstanceSetActiveEditorSetConductivityThresholdSetDesignSettingsSetObjectDeformationSetObjectTemperatureSetPropertyValueSetSolutionType

SetVariable Value SimulateLink Solve

StopSimLink Undo ValidateDesign

ValidateLink

Editor

GetSolutionType

AddViewOrientation AlignFaces AssignMaterial
AssignSurfaceMaterial BreakUDMConnection Chamfer

ChangeProperty CleanUpModel CloseAllWindows

ConnectCopyCoverLinesCoverSurfacesCreate3DComponentCreateBondwireCreateBoxCreateCircleCreateComponentCreateConeCreateCutplaneCreateCylinder

CreateEllipse CreateEntityList CreateEquationCurve
CreateEquationSurface CreateFaceCS CreateGroup

CreateHelix CreateObjectCS CreateObjectFromEdges

CreateObjectFromFaceCreateObjectFromFacesCreatePointCreatePolylineCreateRectangleCreateRegionCreateRegularPolygonCreateRegularPolyhedronCreateRelativeCSCreateSphereCreateSpiralCreateTorus

CreateUserDefinedModel CreateUserDefinedPart CustomGeometryOperation

Defeature DeletPolylinePoint Delete

DeleteEmptyGroupsDeleteLastOperationDeleteOperationDeletePolylinePointDetachEdgeDetachEdges

DetachFace DetachFaces DoModalValidationForTest

DoesGeometryMatchForTest DuplicateAlongLine DuplicateAroundAxis

PupilicateMigran Edit2DComponent Edit2DComponent Definition

DuplicateMirrorEdit3DComponentEdit3DComponentDefinitionEditEntityListEditFaceCSEditNativeComponentDefinition

EditObjectCS EditPolyline EditRelativeCS

Export ExportGDSII ExportModelImageToFile

Fillet FitAll FlattenGroup
GenerateAllUserDefinedModels GenerateFacetDataForModel GenerateHistory

GenerateUserDefinedModel Get3DComponentDefinitionNames Get3DComponentInstanceNames
Get3DComponentMaterialNames Get3DComponentMaterialProperties Get3DComponentParameters
Get3DComponentPartNames GetActiveCoordinateSystem GetBodyNamesByPosition

GetCoordinateSystems GetEdgeByPosition GetEdgeIDFromNameForFirstOperation

GetEdgeIDsFromFace GetEdgeIDsFromObject GetEdgeLength
GetEdgePositionAtNormalizedParameter GetEntityListIDByName GetFaceArea

GetFaceByPosition GetFaceCenter GetFaceIDFromNameForFirstOperation

GetFaceIDs GetFaceIDsOfSheet GetFullGeometry

GetGeometryModelerMode GetGroupSubmodelNames GetMatchedObjectName

GetModelBoundingBox GetModelDrawAttributes GetModelUnits
GetNumObjects GetObjectIDByName GetObjectNameByEdgeID GetObjectNameByFaceID GetObjectNameByID
GetObjectNameByVertexID GetObjectShapeType GetObjectsByMaterial

GetObjectsInGroup GetOperationIndex GetPartsForUserDefinedModel

GetPointsGetPropertiesGetPropertyValueGetRelativeCoordinateSystemsGetSelectionsGetSubGroupsInGroupGetUserPositionGetVertexIDFromNameForFirstOperationGetVertexIDsFromEdgeGetVertexIDsFromFaceGetVertexIDsFromObjectGetVertexPosition

GetWireBodyNames HealObject Import
ImportDXF ImportFromClipboard ImportGDSII
Imprint ImprintProjection Insert3DComponent
InsertComponent InsertNativeComponent InsertPolylineSegment

Make3DComponentIndenpendent Mirror Intersect MoveCSToEnd MoveEdges Move MoveEntityToGroup MoveFaces ObjectExists OffsetFaces OpenExternalEditor PageSetup **PerformExplicitSubtractions** ProjectSheet ProjectUDPParametersToValidPlane ProjectUDPParametersToValidPlane2 PurgeHistory

RefreshAllUserDefinedModelFrom RefreshUserDefinedModelFrom RefreshUserDefinedModelTo

RemoveBadEdges RemoveBadFaces RemoveBadVertices

RenamePart ReplaceWith3DComponent Rotate

Scale Section SendParametersAndGenerateUserDefineModel

SeparateBody SetModelUnits SetModelValidationSettings

SetPropertyValue SetTopDownViewDirectionForActiveView SetTopDownViewDirectionForAllViews

SetWCSShowWindowSimplifySplitStitchSubtract

SweepAlongPath SweepFacesAlongNormal

UncoverFaces

UpdateComponentDefinition

Validate3DComponent

WriteHistoryTreeLayoutForTest

SweepAlongVector

SweepFacesAlongNormalWithAttributes

Ungroup

UpdatePriorityList

WrapSheet

SweepAroundAxis

ThickenSheet

Unite

UpgradeVersion WriteAttributesBlockForTest

oTool-NdExplorer

CheckCausality ExportFullWaveSpice **ExportNMFData**

> ExtractImpulseResponse SetExportTouchstoneOptions

oTool-ImportExport

ImportANF ImportAutoCAD ImportGDSII

ImportIDFandMerge

ExportNetworkData

ImportXFL

ImportANFV2 ImportAWRMicrowaveOffice

ImportEDB ImportExtracta ImportGerber **ImportIDF ImportIPC ImportODB**

oModule-BoundarySetup

AddAssignmentToBoundary

AssignCharge AssignCurrent

AssignCurrentDensityTerminal AssignCylindricalHField

AssignImpedance

AssignMaster

AssignResistiveSheet AssignSymmetry

AssignVoltageAPhi AssignVoltageDropGroup

AssignWindingGroup DeleteAllBoundaries

EditCharge

EditCurrentDensity EditExternalCircuit

EditFluxTangential

EditIntegratedZeroTangentialHField

EditRadiation EditSlave EditVoltage

EditVolumeChargeDensity

GetAssignment GetCoreLossEffect GetEddyEffect **GetNumBoundaries**

GetNumExcitationsOfType RemoveTerminalFromWinding

SetCoreLoss

SetMinimumTimeStep

AddTerminalstoWinding AssignCoilTerminal

AssignCurrentDensity AssignCurrentDensityTerminalGroup

AssignFloating AssignInsulating

AssignPermanentMagnetField AssignSink

AssignTangentialHField AssignVoltageAPhiGroup

AssignVoltageGroup AssignZeroTangentialHField

DeleteAllExcitations EditCoilTerminal

EditCurrentDensityTerminal

EditExternalSimulinkCircuit EditImpedance

EditMaster

EditResistiveSheet EditSymmetry

EditVoltageAPhi EditWindingGroup GetBoundaries

GetCoreLossEffectOnField GetExcitations

GetNumBoundariesOfType ReassignBoundary

RenameBoundary SetEddyEffect

AddWindingTerminals AssignCoilTerminalGroup

AssignCurrentDensityGroup AssignCurrentGroup

AssignFluxTangential

AssignIntegratedZeroTangentialHField AssignRadiation AssignSlave AssignVoltage

AssignVoltageDrop AssignVolumeChargeDensity ComputeOperatingPoints

DeleteBoundaries EditCurrent

EditCylindricalHField EditFloating

EditInsulating

EditPermanentMagnetField

EditSink

EditTangentialHField EditVoltageDrop EditZeroTangentialHField

GetBoundariesOfType GetDisplacementCurrent GetExcitationsOfType **GetNumExcitations**

RemoveAssignmentFromBoundary

ReprioritizeBoundaries SetMagnetizationCompute

oModule-MeshSetup

AssignApplyCurvlinearElementsOp AssignCylindricalGapOp AssignEdgeCutLayerOp AssignRotationalLayerOp AssignTrueSurfOp EditCloneOp EditDefeatureOp EditLengthOp

RenameOp

EditSkinDepthOp

GetOperationNames

AssignCloneOp AssignDefeatureOp AssignLengthOp AssignSkinDepthOp DeleteOp

EditCurvatureExtractionOp EditDensityControlOp EditModelResolutionOp EditSurfPriorityOp InitialMeshSettings AssignCurvatureExtractionOp AssignDensityControlOp AssignModelResolutionOp AssignSurfPriorityForTauOp EditApplyCurvlinearElementsOp

EditCylindricalGapOp EditEdgeCutLayerOp EditRotationalLayerOp EditTrueSurfOp ReassignOp

oModule-AnalysisSetup

ClearLinkedDataConfigureFluentConductivityCouplingCopySetupDeleteSetupsEditSetupExportCircuitExportECEDataExportSolnDataGetSetupsInsertMeshLinkedSetupInsertSetupPasteSetup

RenameSetup ResetAllToTimeZero ResetSetupToTimeZero
RevertAllToInitial RevertAllToInitialTemperature RevertSetupToInitial RevertSetupToInitialTemperature RevertSetupToZeroDisplacement

oModule-Optimetrics

CopySetup DeleteSetups DistributedAnalyzeSetup EnableSetup ExportDOELocalSensitivity EditSetup ExportDOELocalSensitivityCurve ExportDOEResponseCurve ExportDOEResponseCurveSlices ExportDOEResponseSurface ExportDXConfigFile **ExportOptimetricsProfile** ExportParametricResults ExportRespSurfaceMinMaxTable ExportOptimetricsResult ExportRespSurfacePlotToFile ExportRespSurfaceRefinePoints ExportRespSurfaceResponsePoints **ExportRespSurfaceVerificationPoints GenerateVariationData** GetOptimetricResult

GetOptimetricResultRowCount GetSetupNames GetSetupNamesByType
ImportSetup InsertSetup PasteSetup
RenameSetup SolveAllSetup SolveSetup

oModule-Solutions

DeleteSolutionVariation FFTOnReport GetAvailableVariations
GetValidISolutionList TDROnReport

oModule-FieldsReporter

AddMarkerAddMarkerToPlotAddNamedExprAddNamedExpressionCalcOpCalcReadCalcStackCalcWriteCalculatorReadCalculatorWriteChangeGeomSettingsClcEval

ClcMaterial ClcMaterialValue ClearAllMarkers
ClearAllNamedExpr CopyNamedExprToStack CreateFieldPlot

DeleteFieldPlotDeleteMarkerDeleteNamedExprDeleteUneditablePlotDoesNamedExpressionExistsDumpCalculatorStack

EnterComplexEnterComplexVectorEnterCoordEnterEdgeEnterLineEnterOutputVarEnterPointEnterQtyEnterScalarEnterScalarFuncEnterSurfEnterVectorEnterVectorFuncEnterVolExportFieldPlot

ExportMarkerTableExportOnGridExportPlotImageToFileExportToFileGetFieldFolderNamesGetFieldPlotNames

GetMeshPlotNamesGetTopEntryValueHideAntennaParameterOverlayHidePolarPlotHideRadiatedPlotOverlayLoadNamedExpressionsModifyFieldPlotReassignFieldPlotRenameFieldPlotRenamePlotFolderSaveFieldsPlotsSaveNamedExpressionsSetFieldPlotSettingsSetFieldTypeSettingsSetPlotFolderSettings

SetPlotsSolutionContext SetPlotsViewSolutionContext ShowAntennaParameterOverlay

ShowPolarPlot ShowRadiatedPlotOverlay Test
UpdateAllFieldsPlots UpdateQuantityFieldsPlots XForm

oModule-ReportSetup

AddAllEyeMeasurements AddCartesianLimitLine AddCartesianLimitLineFromCurve

AddCartesianLimitLineFromEquation AddCartesianXMarker AddCartesianYMarker

AddCartesianYMarkerToStackAddDeltaMarkerAddMarkerAddNoteAddTraceCharacteristicsAddTracesApplyReportTemplateChangePropertyClearAllMarkers

ClearAllTraceCharacteristics CloneReportsFromDatasetSolution CompareReportDataForRegressionTesting CompareReportDataForRegressionTesting CompareTracesForRegressionTesting Compa

 CompareReportDataForRegressionTesting2
 CompareTracesForRegressionTesting
 CompareTracesFor

 CopyPlotSettings
 CopyReportDefinitions
 CopyReportsData

 CopyTraceDefinitions
 CopyTracesData
 CreateReport

CreateReportFromFileCreateReportFromTemplateCreateReportOfAllQuantitiesDeleteAllReportsDeleteReportsDeleteTraceCharacteristicsDeleteTracesDoesSupportTraceCharacteristicsDumpAllReportsData

DumpReportDataForRegressionTestingEditCartesianXMarkerEditCartesianYMarkerEditMarkerExportEyeMaskViolationExportImageToFile

ExportReportDataToFile ExportTableToFile ExportToFile GetAllCategories GetAllQuantities

GetAllReportNames GetAvailableDisplayTypes GetAvailableReportTypes
GetAvailableSolutions GetDisplayType GetDynLinkIntrinsicVariables

GetDynLinkQtyData GetDynLinkQtyValueState GetDynLinkTraces

GetDynLinkVariableValues GetPropertyValue GetQtyExpressionsForSourceTrace

GetReportSummaryForRegressionTesting GetReportTraceNames GetSolutionContexts
GetSolutionDataPerVariation GroupPlotCurvesByGroupingStrategy ImportIntoReport

 $ImportReportDataIntoReport \\ MovePlotCurvesToGroup \\ MovePlotCurvesToNewGroup \\$

 OpenWindowForAllReports
 OpenWindowForReports
 PastePlotSettings

 PasteReports
 PasteReportsWithLegacyNames
 PasteTraces

PasteTracesWithLegacyNames RenameReport RenameTrace
ResetPlotSettings SavePlotSettingsAsDefault SetLinkOutputTrace

ResetPlotSettings SavePlotSettingsAsDefault SetLinkOutputTraces
UngroupPlotCurvesInGroup UpdateAllReports UpdateReports

oModule-OutputVariable

CreateOutputVariable EditOutputVariable GetOutputVariables DeleteOutputVariable ExportOutputVariables ImportOutputVariables DoesOutputVariableExist GetOutputVariableValue

oModule-UserDefinedSolutionModule

CreateUserDefinedSolution GetUserDefinedSolutionNames DeleteUserDefinedSolutions GetUserDefinedSolutionProperties EditUserDefinedSolution