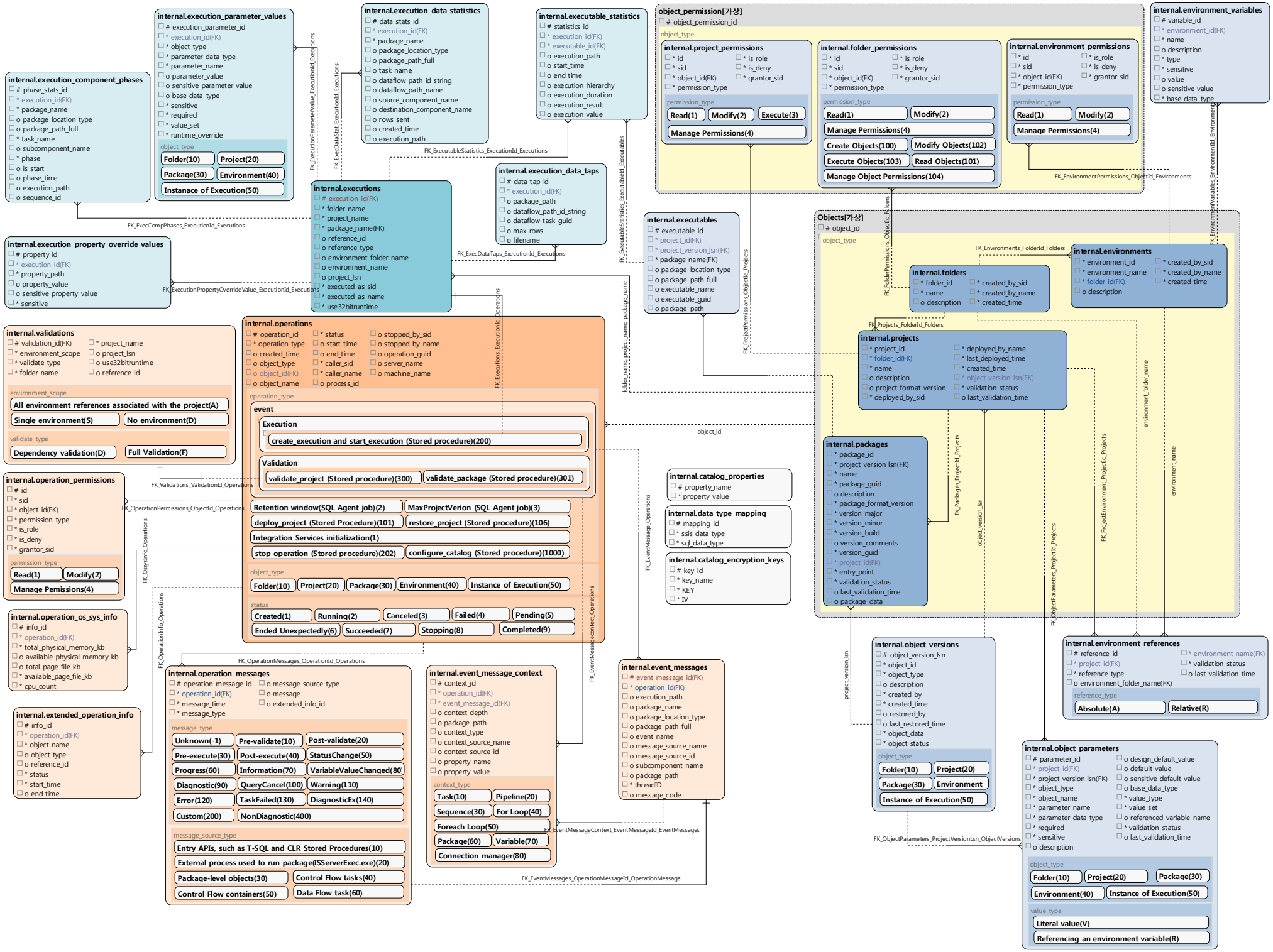
internal.execution_parameter_values
execution_parameter_id
* execution_id(FK)
* object_type
* parameter_data_type
* parameter_name
o parameter_value
o sensitive_parameter_value
o base_data_type
* sensitive
* required
* value_set
* runtime_override
object_type
Folder(10)
Project(20)
Package(30)
Environment(40)
Instanace of Execution(50)
internal.execution_data_statistics
data_stats_id
* execution_id(FK)
* package_name
o package_location_type
o package_path_full
o task_name
o dataflow_path_id_string
o dataflow_path_name
o source_component_name
o destination_component_name
o rows_sent
o created_time
o execution_path
internal.executable_statistics
statistics_id
* execution_id(FK)
* executable_id(FK)
o execution_path
o start_time
o end_time
o execution_hierarchy
o execution_duration
o execution_result
o execution_value
object_permission[가상]
object_permission_id
object_type
internal.project_permissions
* id
* sid
* object_id(FK)
* permission_type
* is_role
* is_deny
* grantor_sid
permission_type
Read(1)
Modify(2)
Execute(3)
Manage Permissions(4)
internal.folder_permissions
* id
* sid
* object_id(FK)
* permission_type
* is_role
* is_deny
* grantor_sid
permission_type
Read(1)
Modify(2)
Manage Permissions(4)
Create Objects(100)
Modify Objects(102)
Execute Objects(103)
Read Objects(101)
Manage Object Permissions(104)
internal.environment_permissions
* id
* sid
* object_id(FK)
* permission_type
* is_role
* is_deny
* grantor_sid
permission_type
Read(1)
Modify(2)
Manage Permissions(4)
internal.environment_variables
variable_id
* environment_id(FK)
* name
o description
* type
* sensitive
o value
o sensitive_value
* base_data_type
internal.execution_component_phases
phase_stats_id
* execution_id(FK)
* package_name
o package_location_type
o package_path_full
* task_name
o subcomponent_name
* phase
o is_start
o phase_time
o execution_path
o sequence_id
internal.executions
execution_id(FK)
* folder_name
* project_name
* package_name(FK)
o reference_id
o reference_type
o environment_folder_name
o environment_name
o project_lsn
* executed_as_sid
* executed_as_name
* use32bitruntime
internal.execution_data_taps
data_tap_id
* execution_id(FK)
o package_path
o dataflow_path_id_string
o dataflow_task_guid
o max_rows
o filename
internal.executables
executable_id
* project_id(FK)
* project_version_lsn(FK)
* package_name(FK)
o package_location_type
o package_path_full
o executable_name
o executable_guid
o package_path
internal.execution_property_override_values
property_id
* execution_id(FK)
* property_path
o property_value
o sensitive_property_value
* sensitive
Objects[가상]
object_id
object_type
internal.folders
* folder_id
* name
o description
* created_by_sid
* created_by_name
* created_time
internal.environments
* environment_id
* environment_name
* folder_id(FK)
o description
* created_by_sid
* created_by_name
* created_time
internal.projects
* project_id
* folder_id(FK)
* name
o description
o project_format_version
* deployed_by_sid
* deployed_by_name
* last_deployed_time
* created_time
* object_version_lsn(FK)
* validation_status
o last_validation_time
internal.validations
validation_id(FK)
* environment_scope
* validate_type
* folder_name
* project_name
o project_lsn
o use32bitruntime
o reference_id
environment_scope
All environment references associated with the project(A)
Single environment(S)
No environment(D)
validate_type
Dependency validation(D)
Full Validation(F)
internal.operations
operation_id
* operation_type
o created_time
o object_type
o object_id(FK)
o object_name
* status
o start_time
o end_time
* caller_sid
* caller_name
o process_id
o stopped_by_sid
o stopped_by_name
o operation_guid
o server_name
o machine_name
operation_type
event
Execution
create_execution and start_execution (Stored procedure)(200)
Validation
validate_project (Stored procedure)(300)
validate_package (Stored procedure)(301)
Retention window(SQL Agent job)(2)
MaxProjectVerion (SQL Agent job)(3)
deploy_project (Stored Procedure)(101)
restore_project (Stored procedure)(106)
Integration Services initialization(1)
stop_operation (Stored procedure)(202)
configure_catalog (Stored procedure)(1000)
object_type
Folder(10)
Project(20)
Package(30)
Environment(40)
Instance of Execution(50)
status
Created(1)
Running(2)
Canceled(3)
Failed(4)
Pending(5)
Ended Unexpectedly(6)
Succeeded(7)
Stopping(8)
Completed(9)
internal.catalog_properties
property_name
* property_value
internal.data_type_mapping
mapping_id
* ssis_data_type
* sql_data_type
internal.catalog_encryption_keys
key_id
* key_name
* KEY
* IV
internal.packages
* package_id
* project_version_lsn(FK)
* name
* package_guid
o description
* package_format_version
* version_major
* version_minor
* version_build
o version_comments
* version_guid
* project_id(FK)
* entry_point
* validation_status
o last_validation_time
o package_data
internal.operation_permissions
id
* sid
* object_id(FK)
* permission_type
* is_role
* is_deny
* grantor_sid
permission_type
Read(1)
Modify(2)
Manage Pemissions(4)
internal.operation_os_sys_info
info_id
* operation_id(FK)
* total_physical_memory_kb
o available_physical_memory_kb
o total_page_file_kb
* available_page_file_kb
* cpu_count
internal.extended_operation_info
info_id
* operation_id(FK)
* object_name
o object_type
o reference_id
* status
* start_time
o end_time
internal.operation_messages
operation_message_id
* operation_id(FK)
* message_time
* message_type
o message_source_type
o message
o extended_info_id
message_type
Unknown(-1)
Pre-validate(10)
Post-validate(20)
Pre-execute(30)
Post-execute(40)
StatusChange(50)
Progress(60)
Information(70)
VariableValueChanged(80)
Diagnostic(90)
QueryCancel(100)
Warning(110)
Error(120)
TaskFailed(130)
DiagnosticEx(140)
Custom(200)
NonDiagnostic(400)
message_source_type
Entry APIs, such as T-SQL and CLR Stored Procedures(10)
External process used to run package(ISServerExec.exe)(20)
Package-level objects(30)
Control Flow tasks(40)
Control Flow containers(50)
Data Flow task(60)
internal.event_message_context
context_id
* operation_id(FK)
* event_message_id(FK)
o context_depth
o package_path
o context_type
o context_source_name
o context_source_id
o property_name
o property_value
context_type
Task(10)
Pipeline(20)
Sequence(30)
For Loop(40)
Foreach Loop(50)
Package(60)
Variable(70)
Connection manager(80)
internal.event_messages
event_message_id(FK)
* operation_id(FK)
o execution_path
o package_name
o package_location_type
o package_path_full
o event_name
o message_source_name
o message_source_id
o subcomponent_name
o package_path
* threadID
o message_code
internal.object_versions
object_version_lsn
* object_id
* object_type
o description
* created_by
* created_time
o restored_by
o last_restored_time
* object_data
* object_status
object_type
Folder(10)
Project(20)
Package(30)
Environment
Instance of Execution(50)
internal.environment_references
reference_id
* project_id(FK)
* reference_type
o environment_folder_name(FK)
* environment_name(FK)
* validation_status
o last_validation_time
reference_type
Absolute(A)
Relative(R)
internal.object_parameters
parameter_id
* project_id(FK)
* project_version_lsn(FK)
* object_type
* object_name
* parameter_name
* parameter_data_type
* required
* sensitive
o description
o design_default_value
o default_value
o sensitive_default_value
o base_data_type
* value_type
* value_set
o referenced_variable_name
* validation_status
o last_validation_time
object_type
Folder(10)
Project(20)
Package(30)
Environment(40)
Instance of Execution(50)
value_type
Literal value(V)
Referencing an environment variable(R)
FK_ExecutionParameterValue_ExecutionId_Executions
FK_ExecDataStat_ExecutionId_Executions
FK_ExecutableStatistics_ExecutionId_Executions
FK_ExecutableStatistics_ExecutableId_Executables
FK_ExecCompPhases_ExecutionId_Executions
FK_ExecDataTaps_ExecutionId_Executions
FK_ExecutionPropertyOverrideValue_ExecutionId_Executions
FK_Executions_ExecutionId_Operations
folder_name, project_name, package_name
FK_ProjectPermissions_ObjectId_Projects
FK_FolderPermissions_ObjectId_Folders
FK_Environments_FolderId_Folders
FK_Projects_FolderId_Folders
FK_EnvironmentPermissions_ObjectId_Environments
FK_EnvironmentVariables_EnvironmentId_Environments
object_id
FK_Validations_ValidationId_Operations
FK_OperationPermissions_ObjectId_Operations
FK_OpsysInfo_Operations
FK_OperationInfo_Operations
FK_OperationMessages_OperationId_Operations
FK_EventMessagecontext_Operations
FK_EventMessage_Operations
FK_Packages_ProjectId_Projects
object_version_lsn
FK_ProjectEnvironment_ProjectId_Projects
environment_folder_name
environment_name
FK_ObjectParameters_ProjectId_Projects
project_version_lsn
FK_EventMessageContext_EventMessageId_EventMessages
FK_EventMessages_OperationMessageId_OperationMessage
FK_ObjectParameters_ProjectVersionLsn_ObjectVersions