

Schools Interoperability Framework (SIF) Approach to schemas

1. Includes a communication and messaging architecture and protocol (Zone Integration Server, Context, Agent, Requester, Provider, Responder, etc.)
2. Defines set of objects that can independently be instantiated and given a 32 hex digit GUID. For example, we can have an assessment object with the Title, "The ACT" and a GUID for that object.
3. Each object type has its own schema
4. Some common elements and types are provided in Common schema files
5. Generally defines complex elements in place using <xs:complexType> sub structure.
6. Elements are usually defined by reference to a global element instead of through types. They may be in the local schema or in another schema.
7. Individual schemas are not valid in that they reference other elements but do not import all the schemas containing those elements.

SIF Objects:

- [AccountingPeriod](#)
- [Activity](#)
- [ActivityProvider](#)
- [AdministrationScored](#)
- [AggregateCharacteristicInfo](#)
- [AggregateStatisticFact](#)
- [AggregateStatisticInfo](#)
- [Assessment](#)
- [AssessmentAdministration](#)
- [AssessmentForm](#)
- [AssessmentItem](#)
- [AssessmentPackage](#)
- [AssessmentRegistration](#)
- [AssessmentSubTest](#)
- [AssignIdentifier](#)
- [AssignIdentifierResponse](#)
- [Assignment](#)
- [AttendanceCodeInfo](#)
- [Authentication](#)
- [BellSchedule](#)
- [Billing](#)
- [BusEquipment](#)
- [BusInfo](#)
- [BusPositionInfo](#)
- [BusRouteDetail](#)
- [BusRouteInfo](#)
- [BusStopInfo](#)
- [CalendarDate](#)

- CalendarSummary
- CancelTransaction
- CancelTransactionResponse
- ContentCatalog
- CurriculumStructure
- DisciplineIncident
- EmployeeAssignment
- EmployeeContract
- EmployeeCredential
- EmployeeCredit
- EmployeePersonal
- EmployeePicture
- EmployeeRecertification
- EmployeeWage
- EmploymentRecord
- FinancialAccount
- FinancialAccountAccountingPeriodLocationInfo
- FinancialAnnual
- FinancialBudget
- FinancialClass
- FinancialIncomeStatement
- FinancialTransaction
- FiscalYear
- FoodserviceItem
- FoodserviceItemPortion
- FoodserviceItemSales
- FoodserviceItemUnit
- FoodserviceMealPrices
- FoodserviceMenuPlan
- FoodserviceMilkSales
- FoodservicePurchaseTransaction
- FoodserviceReimbursementRates
- FoodserviceSales
- FoodserviceStaffEnrollmentCount
- FoodserviceStaffMealCounts
- FoodserviceStudentEnrollmentCount
- FoodserviceStudentMealCounts
- FoodserviceTransaction
- FoodserviceTransactionDetails
- FoodserviceTransactionPayMethod
- GetRecordExchange
- GetRecordExchangeResponse
- GradingAssignment
- GradingAssignmentScore

- GradingCategory
- ItemCharacteristics
- ItemsScored
- ItemsScoredResponse
- LEAInfo
- LearningResource
- LearningResourcePackage
- LearningStandardDocument
- LearningStandardItem
- Lesson
- LibraryPatronStatus
- LocationInfo
- MarkInfo
- MarkValueInfo
- OfficialStudentPeriodAttendance
- Payment
- ProfessionalDevelopmentActivities
- ProfessionalDevelopmentProgram
- ProfessionalDevelopmentRegistration
- Purchasing
- ReleaseIdentifier
- ReleaseIdentifierResponse
- ReportAuthorityInfo
- ReportManifest
- RequestIdentifier
- RequestIdentifierResponse
- ResolveIdentifier
- ResolveIdentifierResponse
- RoomInfo
- RoomType
- SchoolCourseInfo
- SchoolInfo
- ScoreItems
- ScoreItemsResponse
- SEAInfo
- SectionInfo
- SectionMarkInfo
- SetAcademicRecord
- SetAcademicRecordResponse
- SetDemographicRecord
- SetDemographicRecordResponse
- SetRecordExchange
- SetRecordExchangeResponse
- SetSpecialEducationRecord

- SetSpecialEducationRecordResponse
- SIF_AgentACL
- SIF_LogEntry
- SIF_ReportObject
- SIF_ZoneStatus
- StaffAssignment
- StaffMeal
- StaffPersonal
- StudentAcademicRecord
- StudentActivityInfo
- StudentActivityParticipation
- StudentAttendanceSummary
- StudentContact
- StudentContactPersonal
- StudentContactRelationship
- StudentDailyAttendance
- StudentDemographicRecord
- StudentGrade
- StudentLEARelationship
- StudentLocator
- StudentMeal
- StudentParticipation
- StudentPeriodAttendance
- StudentPersonal
- StudentPicture
- StudentPlacement
- StudentRecordExchange
- StudentRecordPackage
- StudentResponseSet
- StudentSchoolEnrollment
- StudentScoreSet
- StudentSectionEnrollment
- StudentSectionMarks
- StudentSnapshot
- StudentSpecialEducationRecord
- StudentSpecialEducationSummary
- StudentTransportInfo
- TermInfo
- TestAccommodation
- TimeWorked
- VendorInfo
- W4

158 Total

