**Tenancy**

private final int accRef;

private String accName;

private Date startDate;

private Date endDate;

private double balance;

private final String officeCode;

private final String createdBy;

private final Date createdDate;

private final List<ModifiedByInterface> modifiedBy;

private final List<TransactionInterface> transactions;

private final List<Note> notes;

private final ArrayList<Document> documents;

private final ApplicationInterface application;

private final PropertyInterface property;

private Element tenType;

private double rent;

private double charges;

**Lease**

private final int accRef;

private String accName;

private Date startDate;

private Date endDate;

private double balance;

private final String officeCode;

private final String createdBy;

private final Date createdDate;

private final List<ModifiedByInterface> modifiedBy;

private final List<TransactionInterface> transactions;

private final List<Note> notes;

private final ArrayList<Document> documents;

private final List<LandlordInterface> landlords;

private final PropertyInterface property;

private final boolean fullManagement;

private final double expenditure;

**Contract**

private final int accRef;

private String accName;

private Date startDate;

private Date endDate;

private double balance;

private final String officeCode;

private final String createdBy;

private final Date createdDate;

private final List<ModifiedByInterface> modifiedBy;

private final List<TransactionInterface> transactions;

private final List<Note> notes;

private final ArrayList<Document> documents;

private final EmployeeInterface employee;

private final JobRoleInterface jobRole;

**Rent Account**

private final int agreementRef;

private String agreementName;

private Date startDate;

private Date expectedEndDate;

private Date actualEndDate;

private int length;

private final int accountRef;

private final String createdBy;

private final Date createdDate;

private final List<ModifiedByInterface> modifiedBy;

private final List<Note> notes;

private final String officeCode;

private final List<Document> documents;

private double rent;

private final TenancyInterface tenancy;

**Lease Account**

private final int agreementRef;

private String agreementName;

private Date startDate;

private Date expectedEndDate;

private Date actualEndDate;

private int length;

private final int accountRef;

private final String createdBy;

private final Date createdDate;

private final List<ModifiedByInterface> modifiedBy;

private final List<Note> notes;

private final String officeCode;

private final List<Document> documents;

private final LeaseInterface lease;

private double expenditure;

**Employee Account**

private final int agreementRef;

private String agreementName;

private Date startDate;

private Date expectedEndDate;

private Date actualEndDate;

private int length;

private final int accountRef;

private final String createdBy;

private final Date createdDate;

private final List<ModifiedByInterface> modifiedBy;

private final List<Note> notes;

private final String officeCode;

private final List<Document> documents;

private final ContractInterface contract;

private double salary;

**Address**

private final int addressRef;

private String buildingNumber;

private String buildingName;

private String subStreetNumber;

private String subStreet;

private String streetNumber;

private String street;

private String area;

private String town;

private String country;

private String postcode;

private final Note note;

private final String createdBy;

private final Date createdDate;

private final List<ModifiedByInterface> modifiedBy;

**AddressUsage**

private final int addressUsageRef;

private AddressInterface address;

private Date startDate;

private Date endDate;

private final Note note;

private final String createdBy;

private final Date createdDate;

private final List<ModifiedByInterface> modifiedBy;

**Application**

private final int appRef;

private String appCorrName;

private Date appStartDate;

private Date appEndDate;

private String appStatusCode;

private final List<InvolvedPartyInterface> household;

private final List<AddressUsageInterface> appAddresses;

private final List<PropertyInterface> propertiesInterestedIn;

private final List<ModifiedByInterface> modifiedBy;

private final List<Note> notes;

private Integer tenancyRef;

private final List<Document> documents;

private final String createdBy;

private final Date createdDate;

**Contact**

private final int contactRef;

private Element contactType;

private String contactValue;

private Date startDate;

private Date endDate;

private final Note note;

private final String createdBy;

private final Date createdDate;

private final List<ModifiedByInterface> modifiedBy;

**Document**

Private final String name:

private final String path:

private final int documentRef;

private final Note note;

private final String createdBy;

private final Date createdDate;

**Element**

private final String code;

private String description;

private boolean current;

private final Note note;

private final List<ModifiedByInterface> modifiedBy;

private final String createdBy;

private final Date createdDate;

**Employee**

private final int employeeRef;

private final PersonInterface person;

private final List<ContractInterface> contracts;

private String officeCode; // Create a class for office, which stores the office information

private final List<Note> notes;

private final List<ModifiedByInterface> modifiedBy;

private final String createdBy;

private final Date createdDate;

private final UserImpl user;

**Involved Party**

private final int involvedPartyRef;

private final int appRef;

private final PersonInterface person;

private boolean jointApplicantInd;

private boolean mainApplicantInd;

private Date startDate; // start date of the involved party against the application

private Date endDate; // end date of the involved party against the application

private Element endReason;

private Element relationship;

private final List<Note> notes;

private final List<ModifiedByInterface> modifiedBy;

private final String createdBy;

private final Date createdDate;

**Job Role**

private final String jobRoleCode;

private String jobTitle;

private String jobDescription;

private final HashMap<String, Element> requirements;

private final boolean fullTime;

private double salary;

private boolean current;

private final HashMap<Integer, JobRoleBenefitInterface> benefits; // Create Job Role Benefit class

private final List<Note> notes;

private final List<ModifiedByInterface> modifiedBy;

private final String createdBy;

private final Date createdDate;

private boolean read;

private boolean write;

private boolean update;

private boolean employeeRead;

private boolean employeeWrite;

private boolean employeeUpdate;

**JobRoleBenefit**

private final int jobRoleBenefitRef;

private final Element benefit;

private String stringValue;

private double doubleValue;

private Date startDate;

private Date endDate;

private final Note note;

private final List<ModifiedByInterface> modifiedBy;

private final String createdBy;

private final Date createdDate;

private boolean salaryBenefit;

**Landlord**

private final int landlordRef;

private final PersonInterface person;

private final List<LeaseInterface> leases;

private final List<Note> notes;

private final List<ModifiedByInterface> modifiedBy;

private final String createdBy;

private final Date createdDate;

**ModifiedBy**

private final String modifiedBy;

private final Date modifiedDate;

private final String description;

**Note**

private final int reference;

private String note;

private final List<ModifiedByInterface> modifiedBy;

private final String createdBy;

private final Date createdDate;

**Office**

private final String officeCode;

private final AddressInterface address;

private Date startDate;

private Date endDate;

private final List<AgreementInterface> agreements;

private final List<AccountInterface> accounts;

private final List<ContactInterface> contacts;

private final List<Note> notes;

private final List<ModifiedByInterface> modifiedBy;

private final List<Document> documents;

private final String createdBy;

private final Date createdDate;

**Person**

private final int personRef;

private Element title;

private String forename;

private String middleNames;

private String surname;

private Date dateOfBirth;

private String nationalInsurance;

private Element gender;

private Element maritalStatus;

private Element ethnicOrigin;

private Element language;

private Element nationality;

private Element sexuality;

private Element religion;

private final List<ContactInterface> contacts;

private final List<AddressUsageInterface> addresses;

private final List<Note> notes;

private final String createdBy;

private final Date createdDate;

private final List<ModifiedByInterface> modifiedBy;

private final List<Document> documents;

**Property**

private final int propRef;

private AddressInterface address;

private List<LandlordInterface> landlords;

private Date acquiredDate;

private Date leaseEndDate;

private Element propType;

private Element propSubType;

private String propStatus; // Occupied, Void, New, End etc

private final Map<Integer, PropertyElementInterface> propertyElements;

private final List<Note> notes;

private final List<ModifiedByInterface> modifiedBy;

private final List<Document> documents;

private final String createdBy;

private final Date createdDate;

**Property Element**

private final int propertyElementRef;

private final Element element;

private String stringValue;

private double doubleValue;

private Date startDate;

private Date endDate;

private boolean charge;

private final Note note;

private final List<ModifiedByInterface> modifiedBy;

private final String createdBy;

private final Date createdDate;

**Transaction**

private final int transactionRef;

private final int accountRef;

private final int fromRef;

private final int toRef;

private final double amount;

private final boolean debit;

private final Note note;

private final Date transactionDate;

private final String createdBy;

private final Date createdDate;

**User**

private final int employeeRef;

private final int personRef;

private final String username;

private String password;

private String officeCode;

private boolean forcePasswordReset;

private boolean read;

private boolean write;

private boolean update;

private boolean employeeRead;

private boolean employeeWrite;

private boolean employeeUpdate;