

Checklist for creation of KRAD maintenance screens for effective dated business objects

When creating maintenance screens for business objects that descend from `org.kuali.kpme.core.api.bo.HrBusinessObjectContract` please refer to the checklist below.

Checklist

In the data dictionary for the BO:

1. Maintenance view should extend from `KPMEEffectiveDateBO-MaintenanceView` (defined in `KPMEUifDefinitions.xml`).

this provides the effective date warning dialog.

[Example usage \(Click to expand\)](#)

```
<bean id="SalaryGroup-MaintenanceView" parent="SalaryGroup-MaintenanceView-parentBean" />

<bean id="SalaryGroup-MaintenanceView-parentBean" abstract="true"
parent="KPMEEffectiveDateBO-MaintenanceView">

    <property name="headerText" value="Salary Group Maintenance" />

    <property name="dataObjectClassName"
value="org.kuali.kpme.core.salarygroup.SalaryGroup" />

    .....
```

2. Lookup view should extend from either `KPMEUif-EffectiveDateBONoViewLinkLookupView` OR `KPMEUif-EffectiveDateBOLookupView` (defined in `KPMEUifDefinitions.xml`).

this provides the following properties:

- `maintenanceUriMapping` = `kpme/effectiveDateMaintenance`
- `viewHelperServiceClass` = `org.kuali.kpme.core.lookup.KpmeHrBusinessObjectLookupableImpl`
- `criteriaFields` = `effectiveDate`

[Example Usage \(Click to expand\)](#)

```
<bean id="SalaryGroup-LookupView" parent="KPMEUif-EffectiveDateBOLookupView">

    <property name="headerText" value="Salary Group Lookup" />

    <property name="dataObjectClassName" value="org.kuali.kpme.core.salarygroup.SalaryGroup"
/>

    <property name="criteriaFields">

        <list merge="true">

            <bean parent="Uif-LookupCriteriaInputField" p:propertyName="hrSalGroup" />

            .....
```

3. Maintenance document type should extend from `KpmeEffectiveDateMaintenanceDocumentType` (defined in `KpmeEffectiveDateMaintenanceDocumentType.xml`).

this provides the docHandler URL = `${kuali.docHandler.url.prefix}/kr-krad/kpme/effectiveDateMaintenance?methodToCall=docHandler`

[Example usage \(Click to expand\)](#)

```
<documentType>

    <name>SalaryGroupMaintenanceDocumentType</name>

    <parent>KpmeEffectiveDateMaintenanceDocumentType</parent>

    <label>Salary Group Document</label>

</documentType>

.....
```

Related articles

 [Checklist for creation of KRAD maintenance screens for effective dated business objects](#)