CUSTOM FIELDS

Customization as configuration
CUSTOM FIELDS

REDUCE COSTS FOR CUSTOMIZATIONS

EASIER TO FOLLOW IFS UPGRADE PATH

- Customized fields are upgraded to new versions of IFS Application

ADD FIELDS/COLUMNS TO ANY IFS APPLICATION PAGE (IFS EE, IFS WEB) WITHOUT CUSTOMIZATIONS

- Completely new fields
- Reference to already existing fields

IFS SECURITY BUILT IN
CUSTOM FIELDS

AN OPTION TO STAY CLOSER TO THE CORE PRODUCT AND REDUCE COSTS FOR CUSTOMIZATIONS

MAKES IT EASIER TO FOLLOW IFS UPGRADE PATH

- Customized fields are upgraded to new versions of IFS Application

ADD FIELDS/COLUMNS TO ANY IFS APPLICATION PAGE (IFS EE, IFS WEB) WITHOUT CUSTOMIZATIONS

- Completely new fields
- Reference to already existing fields

IFS SECURITY BUILT IN
Definition of a Custom Enumeration called Color

<table>
<thead>
<tr>
<th>Storage Value</th>
<th>Client Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>BLACK</td>
<td>black</td>
</tr>
<tr>
<td>RED</td>
<td>red</td>
</tr>
<tr>
<td>WHITE</td>
<td>white</td>
</tr>
<tr>
<td>YELLOW</td>
<td>yellow</td>
</tr>
</tbody>
</table>

**Enumeration Value Translation**

<table>
<thead>
<tr>
<th>Language Code</th>
<th>Language</th>
<th>Translation</th>
</tr>
</thead>
<tbody>
<tr>
<td>en</td>
<td>English</td>
<td>Black</td>
</tr>
<tr>
<td>sv</td>
<td>Swedish</td>
<td>Svart</td>
</tr>
</tbody>
</table>
The new enumeration called Color added as a Custom Field to LU SalesPart.
The Custom Screen Layout dialog with the “Color” field disabled.
The “Color” field is enabled and placed in a proper location.
The form window is now populated and the New “Color” field can be set to one of the values from the user pre-defined dropdown list.
The standard IFS column chooser dialog, in its default state, where the New “Color” field is placed at the bottom – currently disabled.
As before but now the New “Color” field is enabled and also moved to a logical location /sequence using the repositioning option in the column chooser view. The new field is now ‘active’
Now the IFS table view is populated, the new “Color” field is displayed in the user defined sequence and the field can be set to one of the user pre-defined values from the dropdown list.
COLOR Enumeration from LU SalesPart available as a read only attribute on LU CustomerOrderLine.
CUSTOM FIELDS

DEMO

Referenced “Color” field displayed in the user defined position.
CUSTOM FIELDS DEMO

Changes will NOT take effect until the underlying page is refreshed.

Apply   Apply & Close   Reset Profile   Close
Types of Custom Fields

Persistent (possible to change and store)
- String, Number, Date
- Enumeration (Custom Enumeration and any existing Enumeration)

Referenced (read only)
CUSTOM FIELDS
WORKFLOW

- Always **work in the Test Environment**
- **Design/Plan** what you want to achieve with Custom Fields
- **Configure** your Custom Fields in Solution Manager
- **Deploy** Custom Fields into the database
- **Configure the client** via Custom Screen Layout
- **Validate** the changes including the Security
- **Export** to Production Environment
CUSTOM FIELDS
ARCHITECTURE

- No risk to effect core, custom fields are stored in “shadow LU:s”
CUSTOM FIELDS

IFS APPLICATIONS CLIENTS

- IFS Clients with knowledge of Custom Fields
  - IFS Enterprise Explorer
  - Only Application Forms (no Features)
- IFS Web Client
- IFS Reporting, planned for RTM release
CUSTOM FIELDS

INTERACTION WITH OTHER CONCEPTS/FEATURES

- Custom Menu
- Custom Defined Events, planned for RTM release
- Quick Reports
- List Of Values
- Query Dialog
  - Saved Queries
- Conditional Formatting
- Output

NOTE!!! No business logic can interact with Custom Fields
CUSTOM FIELDS

NEAR FUTURE

- Current admin GUI is temporary
- R&D participation in EAP customer trials
CUSTOM FIELDS
POSSIBLE FUTURE IMPROVEMENTS

- Make more IFS Clients aware of Custom Fields
  - Mobile client
- Make more IFS Applications concepts aware of Custom Fields
  - History logging
  - Search Domains
  - Plus many more features
- New Custom Fields LU and Attributes
  - New LU’s
    Needs a meta driven client form generator
  - New attribute for references
    Needs a new client GUI object to display references
  - LOB’s (pictures, video, long texts, XML documents)
    Needs new client GUI objects

NOTE!!! NO PROMISES THAT THIS WILL BE BUILT INTO IFS APPLICATIONS