

# Flexible UI for WCM Objects

Release ERP 6.0, EhP5

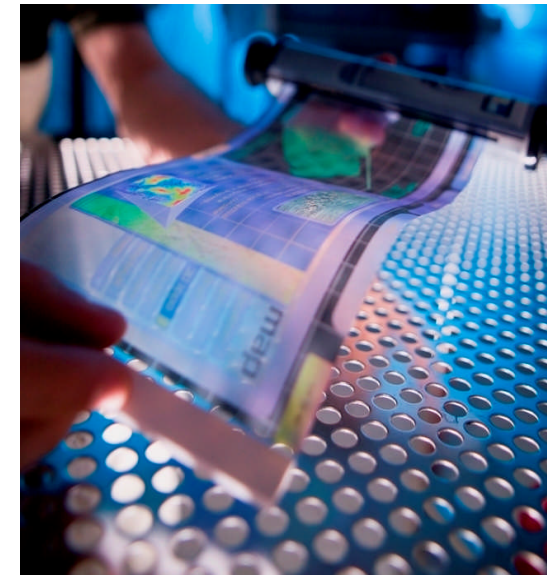


Michael Lesk

**WCM Info Day**

**October 2010**

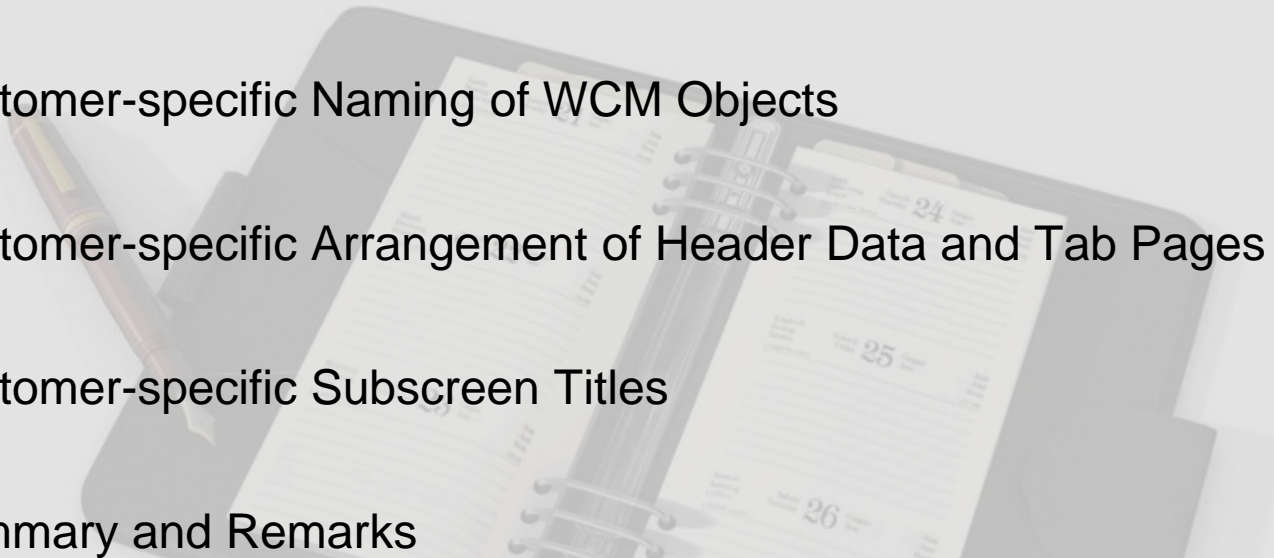
Amsterdam, Netherlands



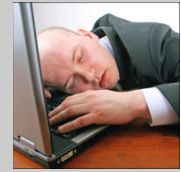
**International Conference on SAP Enterprise Asset  
Management & SAP EHS Management 2010**  
05 - 07 October 2010, Amsterdam



# Agenda

- **1. Motivation**
  - 2. Customer-specific Naming of WCM Objects
  - 3. Customer-specific Arrangement of Header Data and Tab Pages
  - 4. Customer-specific Subscreen Titles
  - 5. Summary and Remarks
- 

# 1) Motivation



- Let's have a look at the header screen of a WCM object (here: Operational WCD) up to now:

Operational WCD Edit Goto Extras System Help

**Change Operational WCD: Header**

Work Permits (with WCD) Safety

WC Document: 58800 Safety for Compressed Air Supply 901

Status: CRTE

Valid from: 01.10.2010 00:00:00 Valid to: 15.10.2010 00:00:00

Priority: Recall Time:

Overall Condtn: Revision Phase:

Reference Object

Functional loc.: AS-C1 Compressed Air Supply

Equipment: Train: 003 Train PRI

Responsibilities Location Data Planning Data

Planner Group: 320 / 3200 Smith

Work Center: MECHANIK / 3200 Mechanical maintenance

AuthorizGroup:

Generic object services

Status processing and audit trail

Assignment of partners

Long text processing

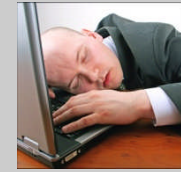
Assignment of documents

Assignment of permits

Use of catalog technique

Assignment of technical objects

# 1) Motivation



- Let's ask some questions (that you already might have asked yourself):

Operational WCD Edit Goto Extras System Help → Can we reduce clicks to access additional data?

Change Operational WCD: Header → Can we rename WCM objects to our terminology?

Work Permits (with WCD) Safety

|                |                     |                                  |                     |
|----------------|---------------------|----------------------------------|---------------------|
| WC Document    | 58800               | Safety for Compressed Air Supply | 001                 |
| Status         | CRTE                |                                  |                     |
| Valid from     | 01.10.2010 00:00:00 | Valid to                         | 15.10.2010 00:00:00 |
| Priority       |                     | Recall Time                      |                     |
| Overall Condtn |                     |                                  |                     |
| Revision Phase |                     |                                  |                     |

Reference Object → Can we rename subscreen titles?

|                 |       |                       |
|-----------------|-------|-----------------------|
| Functional loc. | AS-C1 | Compressed Air Supply |
| Equipment       |       |                       |
| Train           | 003   | Train PRI             |

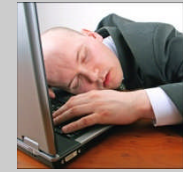
Responsibilities Location Data Planning Data → Can we define individual tabstrip controls/tab pages?

|               |                 |                        |
|---------------|-----------------|------------------------|
| Planner Group | 320 / 3200      | Smith                  |
| Work Center   | MECHANIK / 3200 | Mechanical maintenance |
| AuthorizGroup |                 |                        |

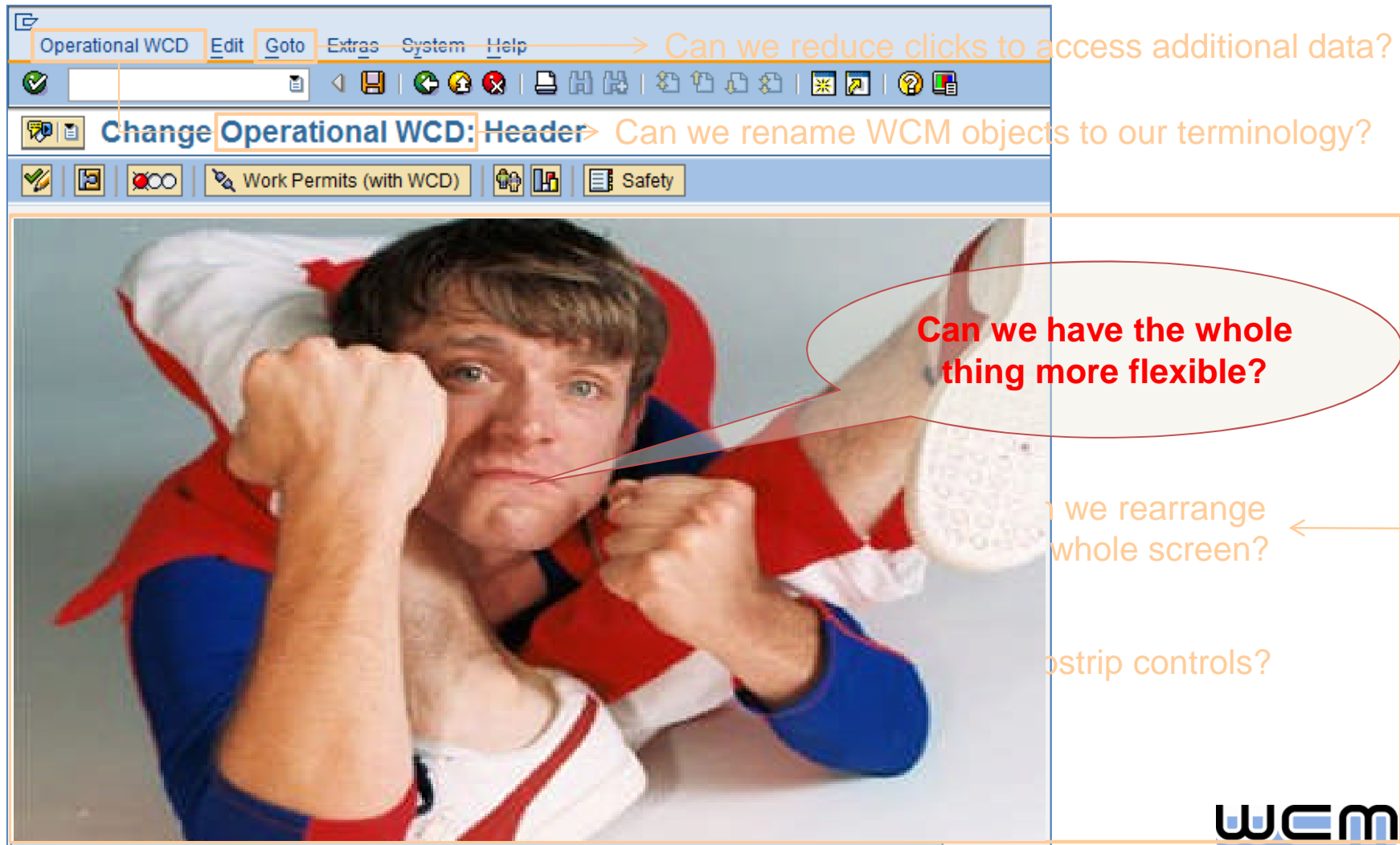
Can we rearrange the whole screen? ←

WCM

# 1) Motivation



- Let's ask some questions (that you already might have asked yourself):

A screenshot of the WCM Operational WCD software interface. The interface has a menu bar with 'Operational WCD', 'Edit', 'Goto', 'Extras', 'System', and 'Help'. Below the menu is a toolbar with various icons. The main window title is 'Change Operational WCD: Header'. Below the title bar is another toolbar with icons for 'Work Permits (with WCD)' and 'Safety'. The main content area shows a man in a red and blue superhero costume (resembling Spider-Man) with his fists clenched in a determined or frustrated expression. Several orange arrows point to different parts of the interface with text questions: 'Can we reduce clicks to access additional data?' points to the menu bar; 'Can we rename WCM objects to our terminology?' points to the title bar; 'Can we have the whole thing more flexible?' points to the main content area; 'Can we rearrange whole screen?' points to the toolbar; and 'Can we have toolbar controls?' points to the bottom toolbar. The WCM logo is in the bottom right corner.

Can we reduce clicks to access additional data?

Can we rename WCM objects to our terminology?

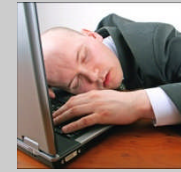
Can we have the whole thing more flexible?

Can we rearrange whole screen?

Can we have toolbar controls?

WCM

# 1) Example



- For example, we would like to have the following:

The screenshot shows the 'Operational V&B List' application window. Red boxes and arrows highlight the following areas for redesign:

- Title Bar:** The window title 'Operational V&B List' is highlighted.
- Header:** The 'Change Operational V&B List: Header' section is highlighted.
- Subscreens:** The 'Identification' and 'Validity' subsections are highlighted.
- Tab Pages:** The 'Asset Data', 'Responsibilities', and 'Description' tabs are highlighted.
- Tag/Line Data:** The 'Tag/Line Data' subsection is highlighted.
- Location Data:** The 'Location Data' subsection is highlighted.
- Linked Documents:** The 'Linked Documents' table is highlighted.

| Ty. | Document  | DPT | Vs | Description             |
|-----|-----------|-----|----|-------------------------|
| DRW | 000001635 | 000 | 00 | Exceptions - Process    |
| DRW | T-D11     | 000 | 00 | Technical documentation |

→ Say "V&B List" instead of "WCD"

→ Structure data by two new subscreens

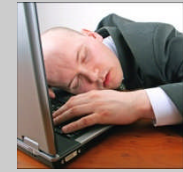
→ Define individual tab pages

→ Put subscreen "Reference Object" on first tab page and rename it to "Tag/Line Data"

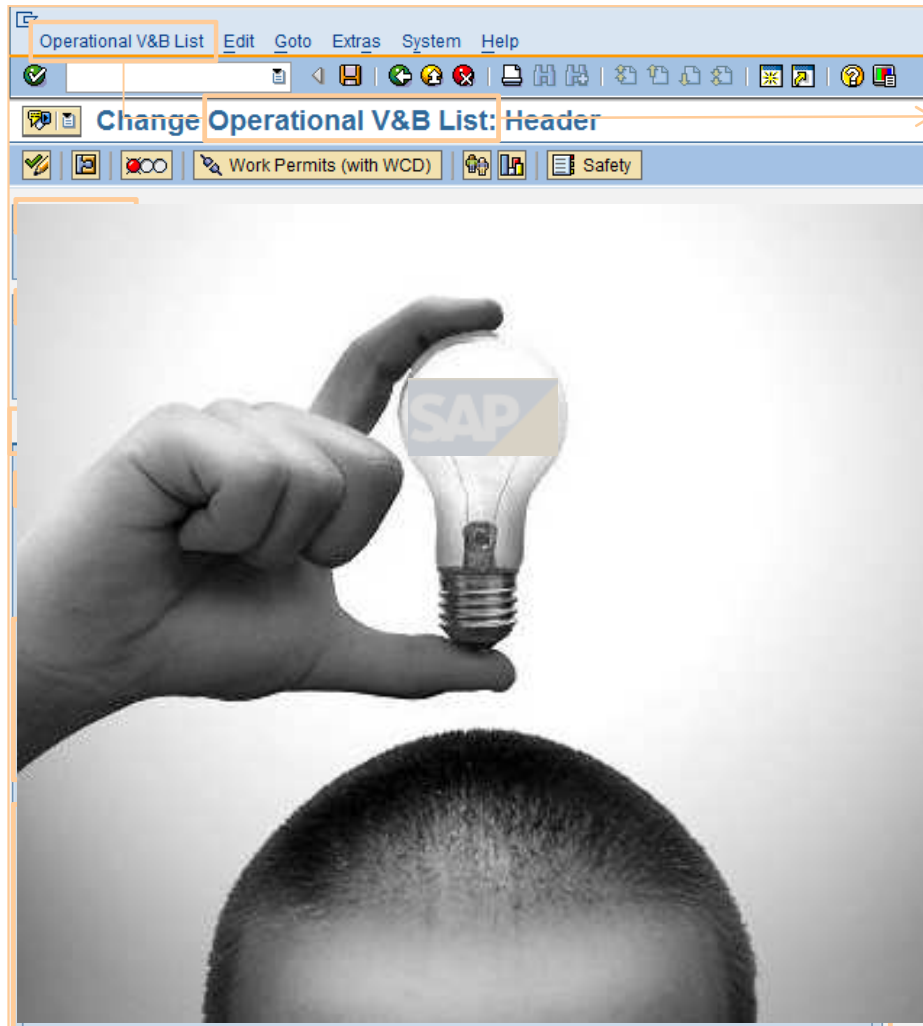
→ Put location data on first tab page instead of second one

→ Put linked documents on main screen instead of "Goto"-navigation

# 1) Example



- For example, we would like to have the following:



Say "V&B List" instead of "WCD"

Structure data by two new subscreens

Define individual tab pages

Change subscreen title to "Tag/Line Data"

Put location data on first tab page  
instead of second one

Put linked documents on main screen  
instead of "Goto"-navigation



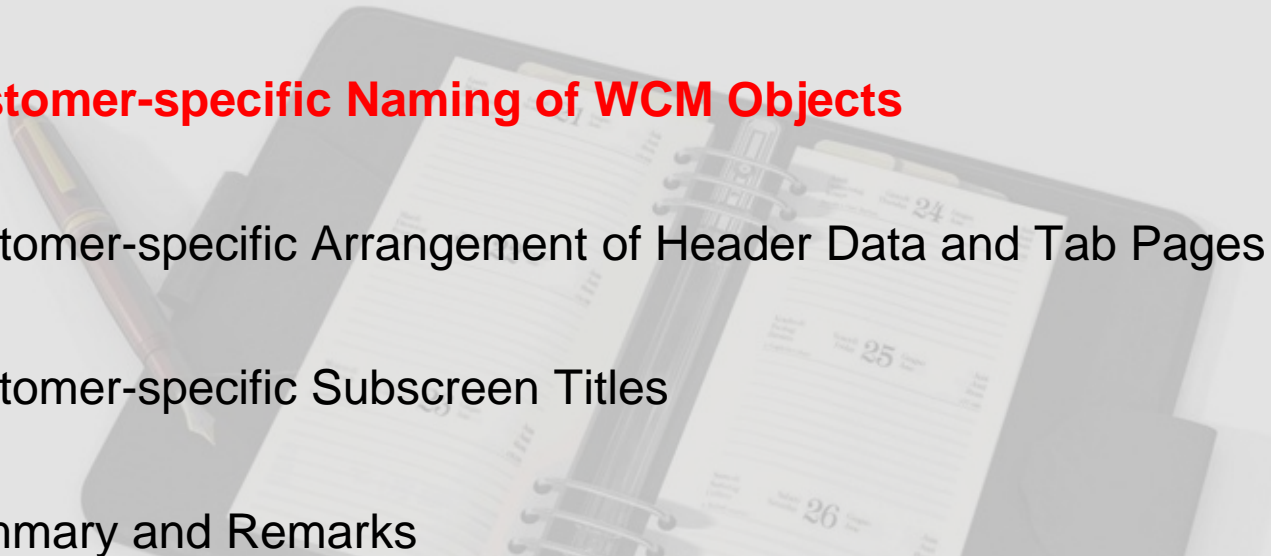
# 1) Resulting Idea: Flexible WCM Object UI



- SAP's answer is to provide an integrative UI flexibility for all WCM objects in EhP5:
  - Individual naming of WCM objects by means of appropriate customizing
  - Arbitrary arrangement of appropriate header data subscreens
    - Reuse of the well-known *view profile* customizing concept implemented in PM
    - Additional requirements:
      - Whole header screen shall be adjustable without any system-defined layout fixations
      - Customer-specific data shall be integrable everywhere on the header screen
  - Furthermore, view profiles for WCM objects will include:
    - Optional definition of (1-6) tabstrip controls with free specification of tab pages
    - Individual titles for data subscreens
    - Arrangement of new data subscreens for:
      - Additional data (e.g. several text controls, partner assignments, document links)
      - Orders and operations assigned to an application (= WCA or additional application)
      - Work types & safety requirements (= customizable application attributes introduced with EhP5)



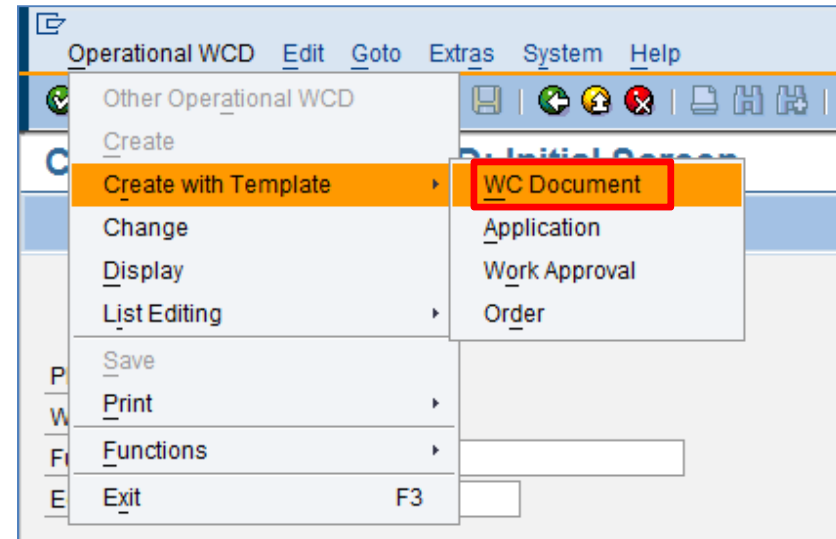
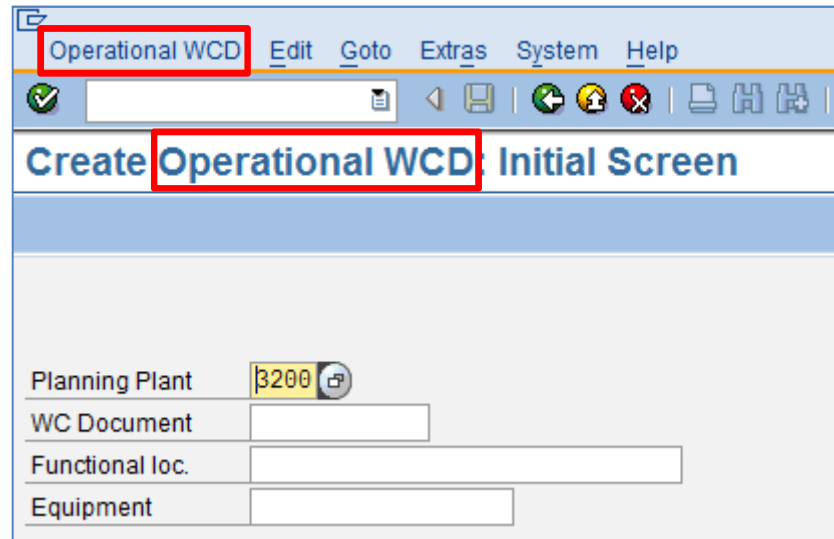
# Agenda

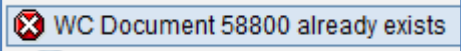
- 1. Motivation
  - **2. Customer-specific Naming of WCM Objects**
  - 3. Customer-specific Arrangement of Header Data and Tab Pages
  - 4. Customer-specific Subscreen Titles
  - 5. Summary and Remarks
- 

## 2) Entry Screen of WCM Objects



- Let's have a look at the entry screen of an Operational WCD up to now:



- How to rename the generic term “WC Document” to e.g. “Valve&Blind List”?
- How to rename the specific term “Operational WCD” to “Operational V&B List”?
  - And “WCD Template” to “V&B List Template”?
- Note that a renaming would affect:
  - GUI Status of the WCD screens
  - Menus and sub menus of the WCD screens
  - Message output for the end user (e.g. )



## 2) Search Help for WCM Objects



- Obviously, the same questions apply to other screens, e.g. search help for WCDs:

Program Edit Goto System Help

Search Help - Display **WC Documents**

Items

Approval Status

Status of WC Document

|   |   |
|---|---|
| <input type="checkbox"/> Created            | <input type="checkbox"/> Closed               |
| <input type="checkbox"/> Prepared           | <input type="checkbox"/> Change mode          |
| <input type="checkbox"/> Untaggable         | <input type="checkbox"/> Test cycle           |
| <input type="checkbox"/> Processing         | <input type="checkbox"/> Conflict             |
| <input type="checkbox"/> Tagged             | <input type="checkbox"/> Temporarily Untagged |
| <input type="checkbox"/> Untagged           | <input type="checkbox"/> Work permit printed  |
| <input type="checkbox"/> Object Deactivated | <input type="checkbox"/> Deletion Flag        |
| <input type="checkbox"/> Rejected           |   |

General Data Reference Object Responsibilities Approvals Catalogs Documents Administration Data

|                    |                 |
|--------------------|-----------------|
| Planning Plant     | 1200            |
| Type of WCM Object | Operational WCD |
| WC Document        | Operational WCD |
| Short Text         | WCD Template    |
| Priority           |                 |

## 2) EhP5 Customizing: Rename Descriptions



- How to rename the specific terms for WCDs (and for all other WCM objects):

Structure

- Work Clearance Management
  - Master Data
    - Maintain Application Profile
      - Architecture
        - Assistant for Model Selection
        - Assistant for Maintaining Ad
        - Define Descriptions**
        - Define Generic Descriptions

Change View "Define Descriptions": Overview

| PIPI | Typ | Typ | Description          | Description in Plural |
|------|-----|-----|----------------------|-----------------------|
| 3200 | WD  | 0   | Operational V&B List | Operational V&B Lists |
| 3200 | WD  | T   | V&B List Template    | V&B List Templates    |
| 3200 | WI  |     | V&B List Item        | V&B List Items        |
| 3200 | WW  |     | Master WP            | Master WPs            |
| 3700 | OR  |     | Order                | Orders                |
| 3700 | WA  | 1   | WC Application       | WC Applications       |
| 3700 | WD  | 0   | Operational WCD      | Operational WCDs      |
| 3700 | WD  | T   | WCD Template         | WCD Templates         |
| 3700 | WI  |     | WCD Item             | WCD Items             |

## 2) EhP5 Customizing: Rename Generic Descriptions



- How to rename the generic term for WCDs (and for all other WCM objects):

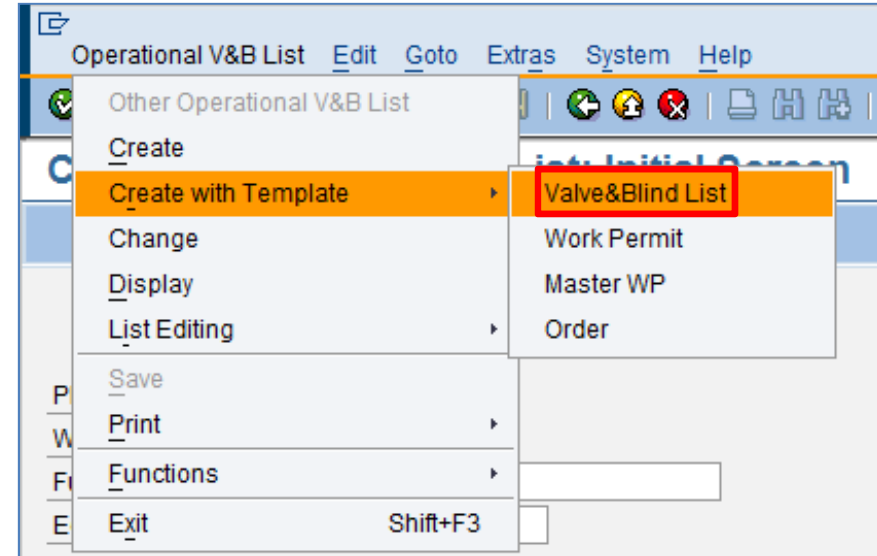
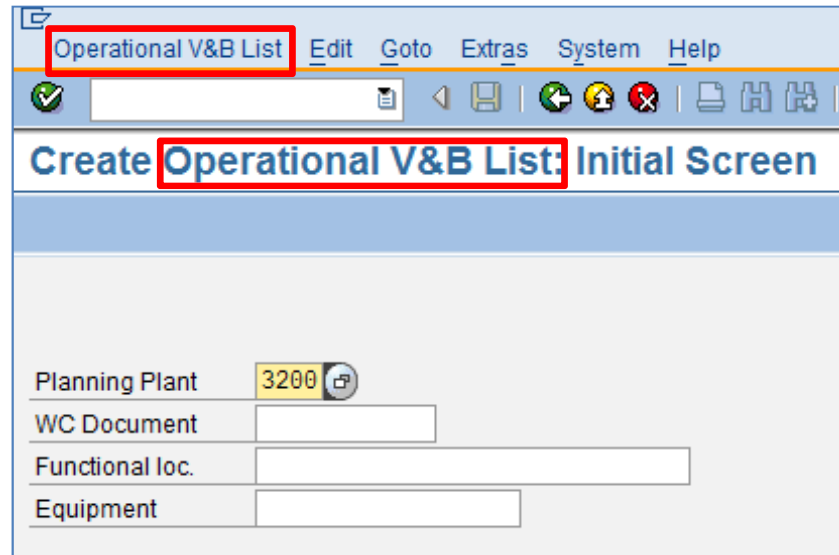
The screenshot shows the WCM software interface. On the left, the 'Structure' pane is expanded to 'Architecture', and 'Define Generic Descriptions' is highlighted. On the right, the 'Change View "Define Generic Descriptions": Overview' dialog box is open. It features a 'New Entries' button and a table for defining generic descriptions.


| PIPI  | Typ | Description of WCM Object | Description of WCM Object in Plural |
|-------|-----|---------------------------|-------------------------------------|
| 3200> | WD  | V&B List                  | V&B Lists                           |
|       |     |                           |                                     |
|       |     |                           |                                     |
|       |     |                           |                                     |

## 2) Entry Screen of WCM Objects after Renaming



- Now let's check the entry screen of our renamed Operational WCD:



- Renaming has changed:
  - GUI Status of the WCD screens
  - Menus and sub menus of the WCD screens
  - Message output for the end user (  V&B List 58800 already exists )

## 2) Search Help of WCM Objects after Renaming



- And let's check the search help for our renamed WCDs:

Program Edit Goto System Help

Search Help - Display **V&B Lists**

Items

Approval Status

System Status

☐ Created ☐ Closed

☐ Prepared ☐ Change mode

☐ Untaggable ☐ Test cycle

☐ Processing ☐ Conflict

☐ Tagged ☐ Temporarily Untagged

☐ Untagged ☐ Work permit printed

☐ Object Deactivated ☐ Deletion Flag

☐ Rejected

General Data Reference Object Responsibilities Approvals Catalogs Documents Administration Data

Planning Plant 3200

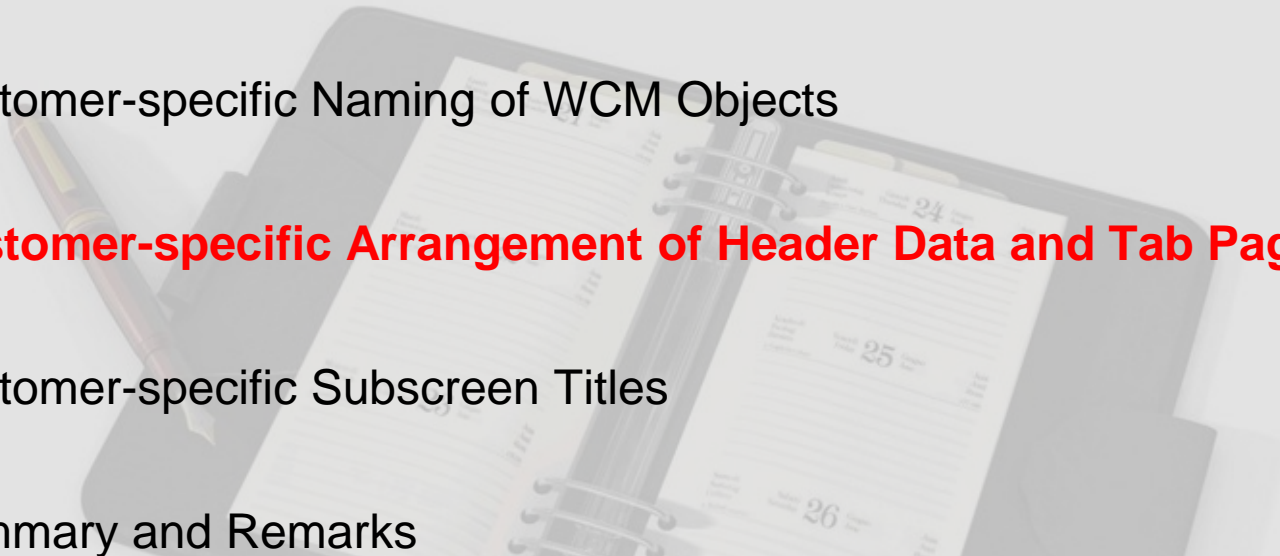
Type of WCM Object Operational V&B List

WC Document Operational V&B List

Short Text V&B List Template

Priority to

# Agenda

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- 



### 3) How to change the WCM Object Screen Layout?



- How to change the layout for our Operational V&B Lists as follows?

| Ty. | Document  | Dpt | Vs | Description             |
|-----|-----------|-----|----|-------------------------|
| DRW | 000001635 | 000 | 00 | Exceptions - Process    |
| DRW | T-D11     | 000 | 00 | Technical documentation |

→ Identification on top (with titled frame)

→ Validity below (with titled frame)

Tab Page "Asset Data" with:

- Tag/Line Data
- Location Data
- Document Links (→ instead of navigation)

Tab Page "Responsibilities" with:

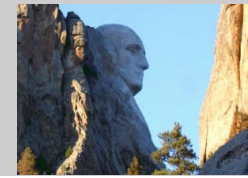
- Applicant
- Partner (→ instead of navigation)
- Planning Data

Tab Page "Description" with:

- Long Text (→ instead of navigation)
- Tagging Text (→ instead of navigation)
- Untagging Text (→ instead of navigation)



### 3) EhP5 Customizing: Define View Profiles

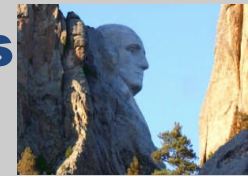


- 1<sup>st</sup> Level – Basic definition of the view profile (name and description):

The screenshot shows the SAP EhP5 Customizing interface. The left pane displays the 'Structure' tree with 'View Profiles' selected. The right pane shows the 'Change View "Define View Profile": Overview' dialog box. The dialog box has a 'Dialog Structure' pane on the left and a table on the right. The table lists the defined view profiles.

| View Profile | View Profile Text                        | Max. Scrn Width |
|--------------|--|-----------------|
| SAPDEMO_WCD  | Example Profile: Work Clearance Document | 85 Columns      |
| SAPDEMO_WP   | Example Profile: Work Permit             | 85 Columns      |

### 3) EhP5 Customizing: Arrange Header Subscreens



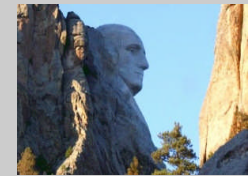
- 2<sup>nd</sup> Level: Arrange subscreens (either data screen or tabstrip) on header screen:

The screenshot shows the 'Define Screen Areas of a View Profile' dialog in SAP EhP5. The 'Dialog Structure' on the left shows the hierarchy: Define View Profile > Define Screen Areas of a View Profile. The main area shows a table for defining screen areas. The table has columns: Subscreen, Screen Element, Text, Sequence Number, Ins. Blank Line, Border/Heading, and Right Justify. Three rows are highlighted with red boxes: 8200 Identification Position 1, 8310 General Data Position 2, and 6000 Tabstrip (1) Position 3. The 'Sequence Number' column is highlighted in yellow for all three rows. The 'Ins. Blank Line' column has checkboxes, and the 'Border/Heading' column has checkboxes. The 'Right Justify' column has checkboxes.

| Subscreen | Screen Element | Text | Sequence Number | Ins. Blank Line          | Border/Heading                      | Right Justify            |
|-----------|----------------|------|-----------------|--------------------------|-------------------------------------|--------------------------|
| 8200      | Identification |      | Position 1      | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 8310      | General Data   |      | Position 2      | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 6000      | Tabstrip (1)   |      | Position 3      | <input type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> |

- Available options for each header subscreen:
  - Assignment of a sequence number to define the vertical sequence (mandatory)
  - Display of a closing blank line (optional)
  - Display of a border with a title around (optional, only for data subscreens)
  - Positioning on the right-hand side of the screen area (optional, only for data subscreens)

### 3) EhP5 Customizing: Define Tab Pages



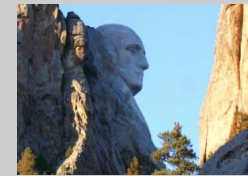
- 3<sup>rd</sup> Level: Define desired tab pages and their sequence:

A screenshot of the SAP EhP5 'Define Tab Pages of a Tabstrip' dialog. The dialog has a menu bar (Table View, Edit, Goto, Selection, Utilities, System, Help) and a toolbar. The title bar reads 'Change View "Define Tab Pages of a Tabstrip": Overview'. Below the title bar is a 'New Entries' button and a 'Dialog Structure' tree on the left. The tree shows a hierarchy: Define View Profile > Define Screen Areas of a View Profile > Define Tab Pages of a Tabstrip > Define Screen Areas of a Tab Page > Define Individual Data Screen Attributes. The main area contains fields for 'View Profile' (SAPDEMO\_WCD), 'Profile Text' (Example Profile: Work Clearance Document), 'Subscreen No.' (6000), and 'Screen Text' (Tabstrip (1)). Below these fields is a table titled 'Define Tab Pages of a Tabstrip'. The table has four columns: 'Tab Page', 'Screen Element Text', 'Icon', and 'Hide'. The first three columns are highlighted with red boxes. The table contains three rows: 'Tab Page 1' with 'Asset Data', 'Tab Page 2' with 'Responsibilities', and 'Tab Page 3' with 'Description'. The 'Hide' column has checkboxes for each row, all of which are currently unchecked.

| Tab Page   | Screen Element Text | Icon | Hide                     |
|------------|---------------------|------|--------------------------|
| Tab Page 1 | Asset Data          |      | <input type="checkbox"/> |
| Tab Page 2 | Responsibilities    |      | <input type="checkbox"/> |
| Tab Page 3 | Description         |      | <input type="checkbox"/> |

- Available options for each tab page:
  - Definition of a tab page title (mandatory)
  - Definition of an icon for the tab page (optional)
  - Deactivation of the tab page as a (temporary) alternative to final deletion (optional)

### 3) EhP5 Customizing: Arrange Tab Subscreens



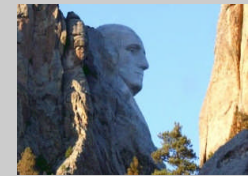
- 4<sup>th</sup> Level: Arrange data subscreens (no more tabstrips) on each tab page:

The screenshot shows the SAP EhP5 Customizing interface. The title bar reads 'Change View "Define Screen Areas of a Tab Page": Overview'. The left pane shows the 'Dialog Structure' with the following hierarchy: Define View Profile > Define Screen Areas of a View Profile > Define Tab Pages of a Tabstrip > Define Screen Areas of a Tab Page (highlighted). The right pane contains the following fields: View Profile (SAPDEMO\_WCD), Profile Text (Example Profile: Work Clearance Document), Subscreen No. (6000), and Tab Page (Asset Data). Below these fields is a table titled 'Define Screen Areas of a Tab Page'.

| Subscreen | Screen Element Text | Sequence Number | Ins. Blank Line          | Border/Heading                      | Right Justify            |
|-----------|---------------------|-----------------|--------------------------|-------------------------------------|--------------------------|
| 8320      | Reference Object    | Position 1      | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 8330      | Location Data       | Position 2      | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 8380      | Documents           | Position 3      | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

- Available options for each tab page subscreen (same as for header subscreens):
  - Assignment of a sequence number to define the vertical sequence (mandatory)
  - Display of a closing blank line (optional)
  - Display of a border with a title around (optional)
  - Positioning on the right-hand side of the tab screen area (optional)

### 3) EhP5 Customizing: Available Subscreens



- Overview on available subscreens and their titles (value help on subscreen field):

Define Screen Areas of a View Profile

Subscreen Internal Number of a Subscreen (1) 29 Entries found

| Subscreen | Screen Element Text        | Scrn Wid... | Comment                      |
|-----------|----------------------------|-------------|------------------------------|
| 6000      | Tabstrip (1)               | 085         |                              |
| 6005      | Tabstrip (2)               | 085         |                              |
| 6010      | Tabstrip (3)               | 085         |                              |
| 6015      | Tabstrip (4)               | 085         |                              |
| 6020      | Tabstrip (5)               | 085         |                              |
| 6025      | Tabstrip (6)               | 085         |                              |
| 8200      | Identification             | 081         |                              |
| 8300      | Customer-Specific Data (1) | 040         |                              |
| 8310      | General Data               | 081         |                              |
| 8320      | Reference Object           | 080         |                              |
| 8330      | Location Data              | 068         |                              |
| 8340      | Responsibilities           | 073         |                              |
| 8350      | Planning Data              | 062         | Not for WCD Template         |
| 8360      | Long Text                  | 074         |                              |
| 8365      | Requalification Text       | 074         | Not for Work Clearance Docs  |
| 8370      | Partner                    | 081         |                              |
| 8380      | Documents                  | 083         |                              |
| 8390      | Tagging Text               | 074         | Only for Work Clearance Docs |
| 8395      | Untagging Text             | 074         | Only for Work Clearance Docs |
| 8400      | Customer-Specific Data (2) | 040         |                              |
| 8410      | Work (1)                   | 038         | Only for Applications        |
| 8411      | Work (2)                   | 038         | Only for Applications        |
| 8412      | Work (3)                   | 038         | Only for Applications        |
| 8413      | Work (4)                   | 038         | Only for Applications        |
| 8420      | Requirements (1)           | 038         | Only for Applications        |
| 8421      | Requirements (2)           | 038         | Only for Applications        |
| 8422      | Requirements (3)           | 038         | Only for Applications        |
| 8423      | Requirements (4)           | 038         | Only for Applications        |
| 8430      | Order                      | 081         | Only for Applications        |

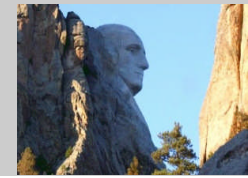
29 Entries found

Further Usage Hints

Only for Header Screens

For Header and Tab Screens

### 3) EhP5 Customizing: Assign View Profiles



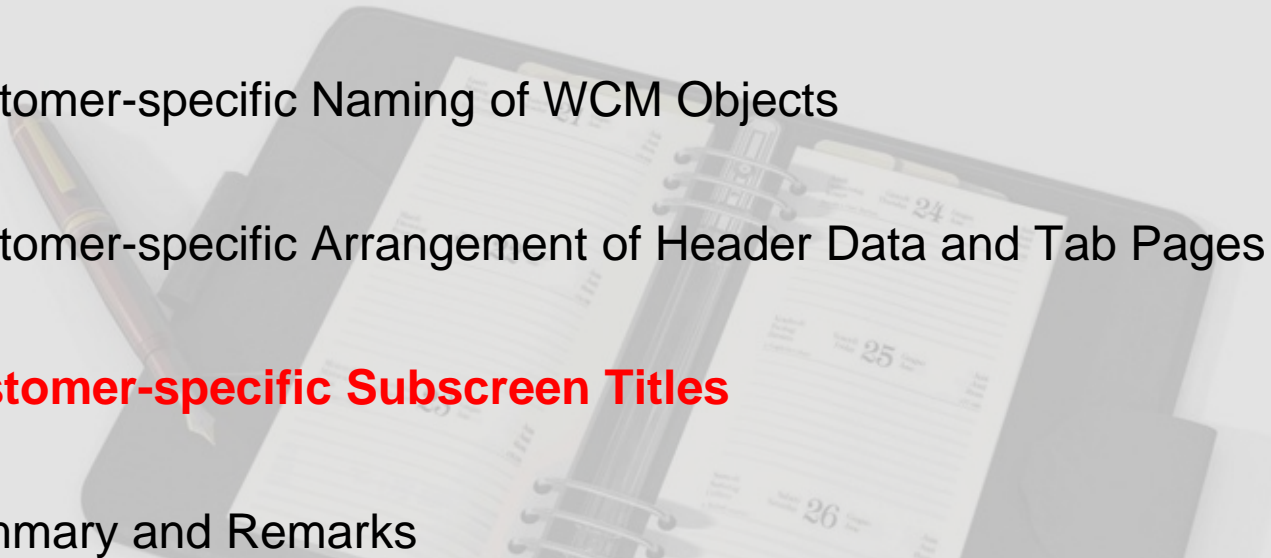
- After definition, a view profile needs to be assigned to the relevant WCM object(s):

The screenshot shows the SAP EhP5 Customizing interface. On the left, the 'Structure' tree is expanded to 'View Profiles' > 'Assign View Profiles'. A red box highlights this menu item, and a red arrow points from it to the 'Assign View Profiles' table in the main window. The main window title is 'Change View "Assign View Profiles": Overview'. The table below shows the assigned view profiles.

| PIPI | Typ | Typ | View Profile | View Profile Text                        |
|------|-----|-----|--------------|--|
| 3200 | WD  | 0   | \SAPDEMO_WCD | Example Profile: Work Clearance Document |
| 3200 | WD  | T   | \SAPDEMO_WCD | Example Profile: Work Clearance Document |
| 3200 | WW  |     | WCM_DEFAULT  | WCM Default Profile (DO NOT CHANGE !)    |
| 3700 | WA  | 1   | \SAPDEMO_WP  | Example Profile: Work Permit             |
| 3700 | WD  | 0   | \SAPDEMO_WCD | Example Profile: Work Clearance Document |
| 3700 | WD  | T   | \SAPDEMO_WCD | Example Profile: Work Clearance Document |



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## 4) What is still missing for our desired Layout?



- Let's have a look at the changed layout of our Operational V&B List:

| Ty. | Document  | Dpt | Vs | Description             |
|-----|-----------|-----|----|-------------------------|
| DRW | 000001635 | 000 | 00 | Exceptions - Process    |
| DRW | T-D11     | 000 | 00 | Technical documentation |

→ How to rename subscreen title to "Validity"?

→ How to rename subscreen title to "Tag/Line Data"?

## 4) EhP5 Customizing: Individual Subscreen Titles



- Definition of individual subscreen titles (on plant level):

Table View Edit Goto Selection Utilities System Help

Change View "Define Individual Data Screen Attributes": Overview of Se

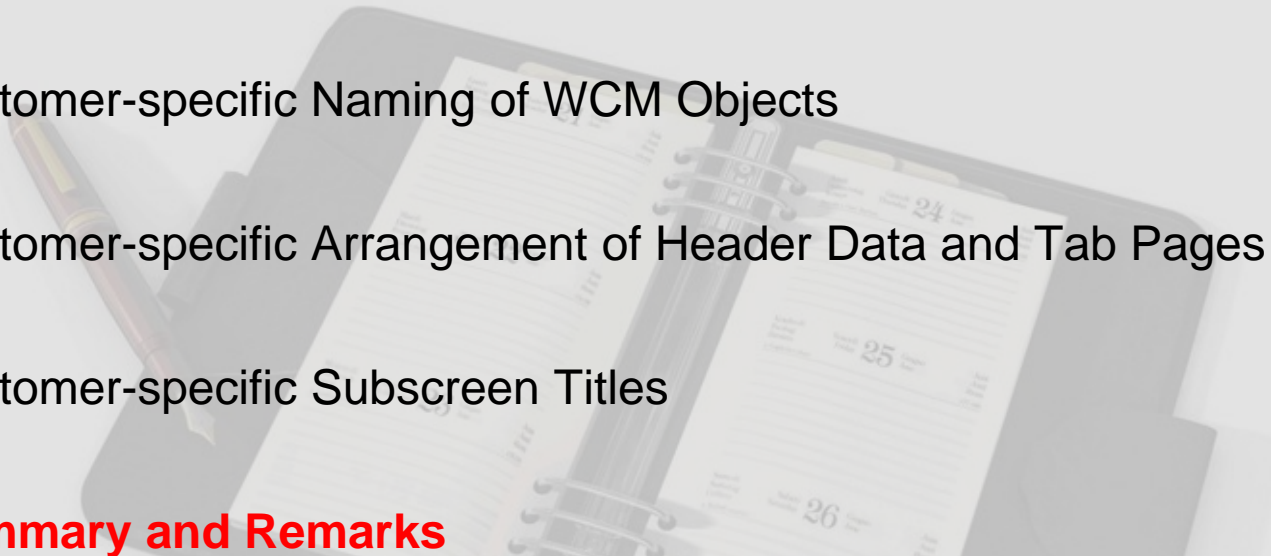
New Entries

Dialog Structure

- Define View Profile
  - Define Screen Areas of a View
    - Define Tab Pages of a Tab Page
      - Define Screen Areas
        - Define Individual Data Screen Attributes**

| PIPI | Subscreen No. | Screen Element Text  | Heading                        |
|------|---------------|----------------------|--------------------------------|
| 1200 | 8310          | General Data         | Validity                       |
| 1200 | 8320          | Reference Object     | Tag/Line Data                  |
| 1200 | 8340          | Responsibilities     | Applicant                      |
| 1200 | 8360          | Long Text            | Work Description               |
| 1200 | 8365          | Requalification Text | Other Requirements             |
| 1200 | 8410          | Work (1)             | Work (Level 1)                 |
| 1200 | 8411          | Work (2)             | Further Work (Level 1)         |
| 1200 | 8420          | Requirements (1)     | Requirements (Area Technician) |
| 1200 | 8421          | Requirements (2)     | Requirements (Skilled Worker)  |
| 1200 | 8430          | Order                | Work Order                     |

# Agenda

- 1. Motivation
  - 2. Customer-specific Naming of WCM Objects
  - 3. Customer-specific Arrangement of Header Data and Tab Pages
  - 4. Customer-specific Subscreen Titles
  - **5. Summary and Remarks**
- 

## 5) How does the Layout look finally?



- This is the final layout for the header screen of our Operational V&B List:

| Ty. | Document  | Dpt | Vs | Description             |
|-----|-----------|-----|----|-------------------------|
| DRW | 000001635 | 000 | 00 | Exceptions - Process    |
| DRW | T-D11     | 000 | 00 | Technical documentation |

→ Identification on top (with titled frame)

→ Validity below (with titled frame)

Tab Page "Asset Data" with:

- Tag/Line Data
- Location Data
- Document Links (→ instead of navigation)

Tab Page "Responsibilities" with:

- Applicant
- Partner (→ instead of navigation)
- Planning Data

Tab Page "Description" with:

- Long Text (→ instead of navigation)
- Tagging Text (→ instead of navigation)
- Untagging Text (→ instead of navigation)



## 5) New Subscreens for Applications

Hot Work Permit  
Number: \_\_\_\_\_

Location: \_\_\_\_\_

Date: \_\_\_\_\_

Nature of Job: \_\_\_\_\_

Name of Person Performing Hot Work: \_\_\_\_\_

- Note that the view profiles include new EhP5 subscreens for Applications (required e.g. for Work Permit processes):

The screenshot displays the EhP5 subscreens for Applications, organized into four tabs: Asset Data, Responsibilities, Work Description, and Requirements. The Work Description tab is active, showing the following sections:

- Work (Level 1)**: A list of checkboxes for work types, including Open Sea, Hazardous Substances, Radioactive Material, Explosives, and Other Activities.
- Further Work (Level 1)**: A list of checkboxes for further work types, including Hot Work A, Hot Work B, Entry Confined Space, Pressure Testing, and Lifting Operations.
- Work Order**: A section containing a table of assigned orders/operations. The table has columns for Order, Operation short text, and Status. The table shows three rows: 0010 Operation 10 CRTD, 0020 Operation 20 CRTD, and 0030 Operation 30 CRTD.
- Work Description**: A text area containing the following text: "27.03.2010 07:57:05 Michael Lesk (C5114682) Phone 06227 54558 82 Before taking of the filter bowl, the air supply must be stopped and the filter must be relieved."

Red boxes highlight the customizable work types and assigned orders/operations. Red arrows point to these boxes with the labels "Customizable Work Types" and "Assigned Orders / Operations".

## 5) New Subscreens for Applications

Hot Work Permit  
Number: \_\_\_\_\_

Location: \_\_\_\_\_

Date: \_\_\_\_\_

Nature of Job: \_\_\_\_\_

Name of Person Performing Hot Work: \_\_\_\_\_

- Note that the view profiles include new EhP5 subscreens for Applications (required e.g. for Work Permit processes):

Asset Data Responsibilities Work Description Requirements

**Requirements (Area Technician)**

- ☐ Prevent Oil and Gas
- ☐ Regular Inspection
- ☐ Gas Measurements
- ☐ Block/Cover
- ☐ Barriers/Signs
- ☒ HSE Datasheet

**Requirements (Skilled Worker)**

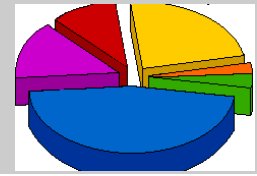
- ☐ Depressurization
- ☐ Draining/Emptying
- ☐ CIng/HC Freeing
- ☐ Radioact. Radiation
- ☒ Job Safety Analysis
- ☒ Lockout/Tagout

**Other Requirements**

Please wear appropriate clothes.

Customizable Safety Requirements

## 5) Summary



- View profiles for WCM objects are a powerful, flexible configuration tool to easily adapt the header screen layout to your individual needs:
  - You can arrange standard data subscreens wherever you like.
  - You can define up to 6 tabstrip controls, with free specification of tab pages.
  - If required finally, you can define an individual title for each data subscreen.
- View profiles allow different configuration for different WCM objects:
  - You can define several view profiles.
  - For each relevant WCM object, you can assign an individual view profile.
  - If required finally, you can use different view profiles in different WCM plants.
- View profiles integrate screen BAdIs for WCM objects:
  - For each WCM object, you can define up to 2 subscreens for customer-specific data.
  - Like the standard subscreens, customer-specific subscreens can be arranged on the header screen wherever you like.
- View profiles (and screen BAdIs if appropriate) reduce (or even suspend) the need for modifications and/or usage of tools like GuiXT.

# Questions and Answers



PM-WCM is a component of SAP ERP



**Restricted Area**  
Username: Michael Lesk

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|---|--------------------------|--------|-------|---|
|    | General Topics           | 6      | 18    | 05 Mar 2010 14:16<br>Peter Hooper, Canada (ID 268) ➔      |
|    | WCM-Relevant Orders      | 9      | 27    | 28 Jul 2010 22:53<br>Uwe Kirchner, Germany (ID 100) ➔     |
|   | WCM Objects              | 31     | 104   | 30 Sep 2010 07:44<br>Łukasz Krzempek, Poland (ID 498) ➔   |
|  | WCM Integration          | 13     | 62    | 01 Oct 2010 00:44<br>ANDREW BARNARD, Australia (ID 221) ➔ |
|  | Tagging/Lineup           | 11     | 27    | 20 Sep 2010 08:16<br>ANDREW BARNARD, Australia (ID 221) ➔ |
|  | Mobile Processing        | 2      | 5     | 05 Sep 2009 13:03<br>Christoph Wobbe, Germany (ID 94) ➔   |
|  | Work Permit Management   | 4      | 11    | 13 Jun 2010 21:12<br>Uwe Kirchner, Germany (ID 100) ➔     |
|  | Business Add-Ins (BADIs) | 7      | 16    | 30 Aug 2010 16:05<br>Ziv Marcovich, Israel (ID 262) ➔     |

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