

Comments on the Bernstein workspace (summary)
(until Nov. 16th, 2007)

Haidinger, Haltrich, Stieglecker:

In general

- First of all we would prefer a higher screen resolution. There will be only a few people having small screens, sorry for them but the average user will have at least a 17" screen.
(Haidinger, Haltrich, Stieglecker)

Looking at the result list: is the intermediate step to show the "picture and information" in a special created Bernstein form necessary? We think it would be better to jump from the "RefNumber" of the list directly to the image and information sheet of the respective database.

An additional service we were asked for by users: is it possible to create bookmarks to store the results as it is used in Piccard-Online?

Tab: About Bernstein

We agree with the suggestion of Stuttgart to divide introduction and simple search. "About Bernstein" is irritating, nobody will equate it with "Simple Search".

Also here an additional service we were asked for by users: is it possible to show next to the search field the thesaurus? So one could scroll the list with possible terms?

Tab: Advanced Search

We suggest to remove the field "remarks" because we don't see what one could search here.

The field "originator" can't be searched in WZMA so it should be moved to "Specific Search".

Tab: Specific Search

Couldn't this tab be combined with "Advanced Search"? Perhaps below the existing searchfields under a rubric "not in all databases searchable"? Because for users it will be difficult to distinguish "advanced" from "specific search".

Tab: Browse Motif

Here we need more hierarchical levels as we have it in the "visual navigation" of Piccard-Online.

Tab: Component Search

We agree with the search and result fields. To the content please see our suggestions below.

The text based fields are ok but perhaps we should combine them with more abstract icons which will appear when roll over with the mouse. (As in WILC: "Browse by main group").

At the moment it's not clear if the different possibilities to search watermarks are combined as also Den Haag wrote. So in "Search history" one should see for example measurements he put in in "Advanced Search" while using the "Component Search".

Other notes:Navigation of "general bernstein workspace"

- "search database" and "show result" should be one button (Partes)
- possibility starting research with "ENTER" (Partes)
- possibility of showing the query-history (Partes)
- a button "BACK" will be there like the button "NEXT"? (Partes)

User interface "general bernstein workspace" and mock-ups

- meaning of "continually update"? (Partes)
- "component search" might be mixed up with "component model" => better: "simple search" (Partes)
- renaming of "about search"=> generally, introduction and "simple search" should be divided. (Partes)
- Generally both buttons "search database" and "reset" below search fields (even simple search). (Partes)
- As a first try the general search interface as shown on the mock up looks well. All elements can be searched functionally. The design should be further developed and maybe some help screens could be added. (Partes)
- Not clearly arranged yet. We should discuss general web design for Bernstein (Dietz)
- The informational richness of the currently developed web-pages is too poor to be a serious and attractive web-portal for professional users. => New design strategy (Karnaukhov)
- Intuititonal user guidance (menu prompt) (Dietz)
- Fonts (e.g. of buttons) to small => re-discuss screen solution (Dietz)
- The current version has a non-scalable web-page format. It is predefined to be displayed on the target system with the screen resolution 800 x 600 pixels. It is too small nowadays. => The typical resolution of the modern systems starts from 1280x1024 pixels and only increases. The developed web-pages "Advanced Search", "Specific Search", and all others occupy only near 40% of the screen square of such systems and can not be extended. (Karnaukhov)
- The banner structure is heterogeneous: 4 icons + 7 buttons + 3 icons. It is not perceived as a banner. It doesn't contain the Bernstein logo => The banner structure should be redesigned into a homogeneous one. It should be a graphical one with the embedded text for each supported language. (Karnaukhov)
- The "Advanced Search" or "Specific Search" forms contain a set of the insert fields for the metrical parameters:
 - "Height (mm) or between and ,
 - "Distance (mm) or between and ,
 - "Width (mm) or between and .

=> The insert fields "between and " could be replaced by the accuracy value ("plus mm. and minus mm.") input fields (changeable by one mouse-click). So, the user has to insert only one value into the first input field:

"Height (mm) plus mm. & minus mm.""

The accuracy value can be predefined and/or changed by only one mouse-click. (Karnaukhov)

- Any link inquiry from the currently developed web-pages follows by the contents redrawing of the full page even only a part of the linked page differs from the previous one. => The new web-page structure has to be developed. (Karnaukhov)

Results

- the images are too small (and why are the WILC images so unclear? Where are they taken from?) (Van Delft, van Thienen)
- the list possibility does not offer anything. We would prefer to see descriptions (van Delft, van Thienen)
- sometimes the results are not understandable. Searching bull's head + nostrils does not give the right images for WILC. That brings us to another question: are the images that are included in this prototype described according to the Component Model? And where can one see a presentation of this description? (van Delft, van Thienen)
- The result of the “Advanced Search” or “Specific Search” request contains only the predefined (by the developer) set of the queried data fields. => The query forms should contain a set of check buttons for user selection of the data fields to be queried from databases and displayed. (Karnaukhov)
- The following restriction for the searching queries: “Too much hits. Result must be <200. Please specify further details for search.” => This restriction can be a confusing one for target users. A new additional parameter would eliminate the data he/she is looking/searching for. The user has to define as much parameters as he/she wants. (Karnaukhov)

Technical problems

- prototype makes own suggestions in searchfields (e.g. searching for “Dresden” => prototype is searching for “bird crown”, the same problem happens to dates) (Dietz)
- Limitation of results by WM-chainline-distance is not working (Dietz)

General notes

- number of watermarks in databases should not appear at the beginning of the search (or at least not at this position. Present way of presentation makes integration of new partners difficult) (Dietz)
- at search results WM-number should work as a link to original database (didn't work in cases checked) (Dietz)
- number of search results should be linked to particular database (Dietz)
- linking of WM motives would be important – also for trial version (Dietz)
- “Originator” and “Depositor” could be taken off search field (Dietz)
- Button “specific search” should be removed, because multifunction offered there is too low and cannot be used for a huge amount of databases. Isn't it possible to add this function to the general search field? (Dietz)