

News: texshow-web is now on the wiki

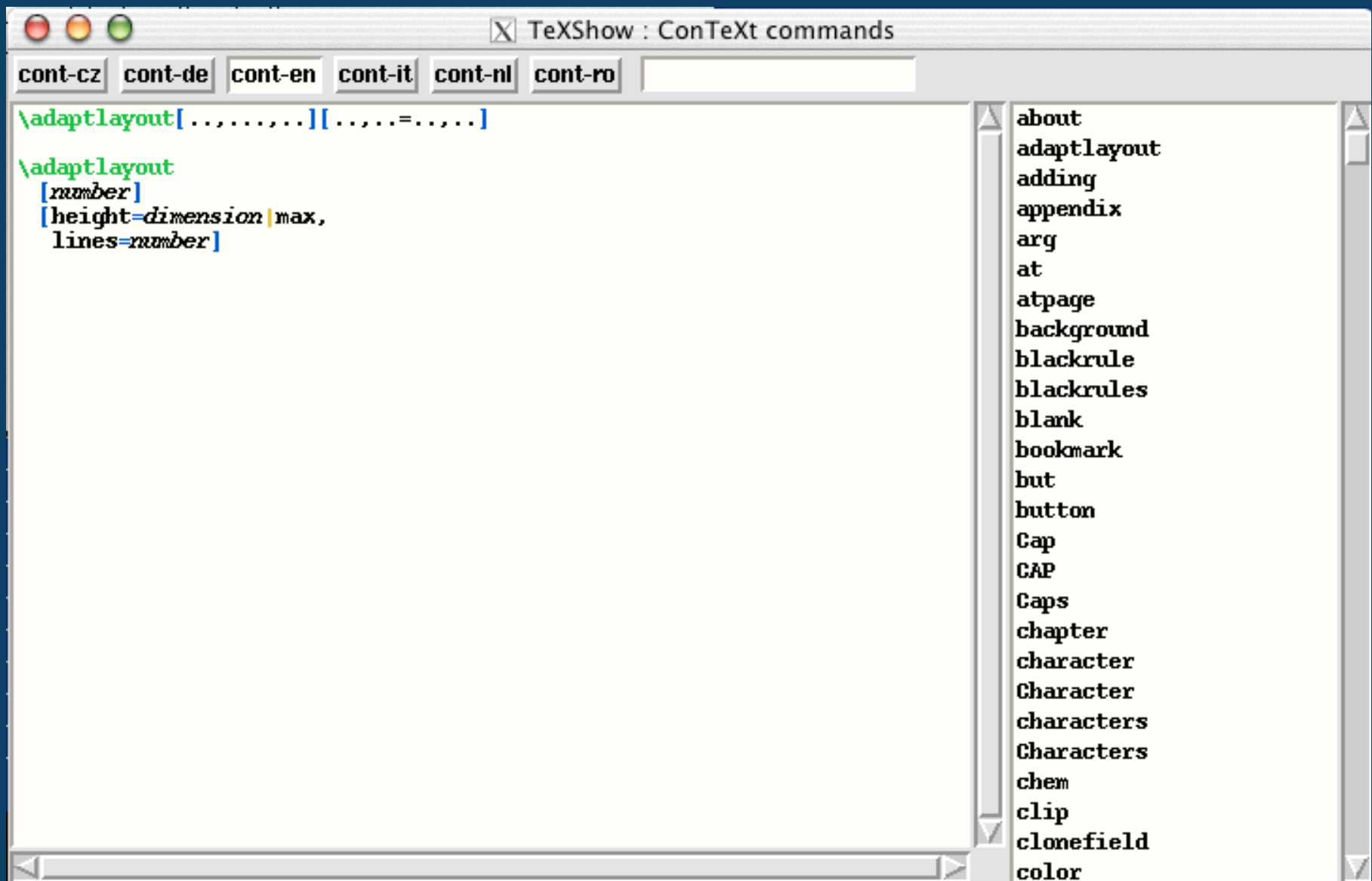
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ConTEXt meeting 2010  
Brejlov

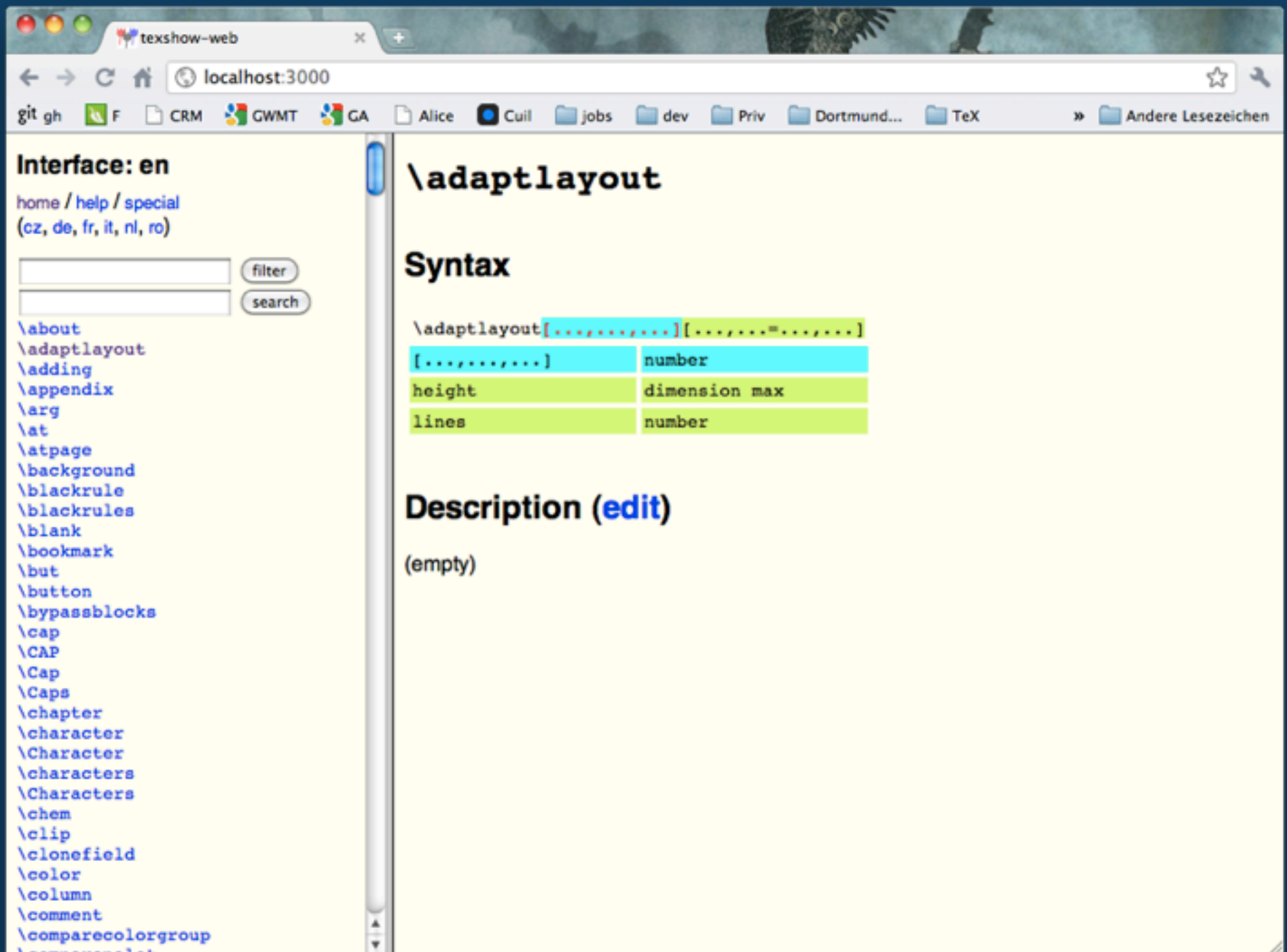
# The History

- Started October 2003
- Clone of texshow (perl/TK) and etexshow (emacs) and the quick references (setup-en.pdf)
- Intention: use as a building block for complete documentation
- Wiki like interface
- Automatic list from XML files
- First pure Ruby, later rewritten in Ruby on Rails

# The Original



# The Clone



The screenshot shows a web browser window titled "texshow-web" at the address "localhost:3000". The browser's address bar and tabs are visible. The page content is divided into two main sections: a left sidebar and a main content area.

**Interface: en**  
home / help / special  
(cz, de, fr, it, nl, ro)

There are two input fields with "filter" and "search" buttons.

**\adaptlayout**

**Syntax**

```
\adaptlayout[.....][.....=.....]
```

[.....]	number
height	dimension max
lines	number

**Description (edit)**

(empty)

The left sidebar contains a list of commands, including \about, \adaptlayout, \adding, \appendix, \arg, \at, \atpage, \background, \blackrule, \blackrules, \blank, \bookmark, \but, \button, \bypassblocks, \cap, \CAP, \Cap, \Caps, \chapter, \character, \Character, \characters, \Characters, \chem, \clip, \clonefield, \color, \column, \comment, \comparecolorgroup, and \comparelet.

# The XML sources

```
<cd:command name="definefontsynonym" file="font-ini.tex">
  <cd:sequence>
    <cd:string value="definefontsynonym"/>
  </cd:sequence>
  <cd:arguments>
    <cd:keywords n="1">
      <cd:constant type="cd:text"/>
    </cd:keywords>
    <cd:keywords n="2">
      <cd:constant type="cd:name"/>
    </cd:keywords>
    <cd:assignments n="3" optional="yes">
      <cd:parameter name="encoding">
        <cd:constant type="cd:name"/>
      </cd:parameter>
      <cd:parameter name="features">
        <cd:constant type="cd:name"/>
      </cd:parameter>
      <cd:parameter name="handling">
        <cd:constant type="cd:name"/>
      </cd:parameter>
      <cd:parameter name="mapping">
        <cd:constant type="cd:name"/>
      </cd:parameter>
    </cd:assignments>
  </cd:arguments>
</cd:command>
```

# The Problems

- Hard to keep up-to-date with the cont-\*.xml files (interface changes, synchronizing, error handling)
- Few people used it for inserting commands
- Some Spam
- Server crash once in a while (took lots of RAM)
- The wiki is much more powerful (show results)

# The Move

- Put the contents into the main wiki
- Lots of decisions have been made
  - how to keep the structure?
  - can we get the data back out of the wiki?
  - how to ensure consistent formatting?
- 95% automatic transfer from texshow-web to the wiki

# The Automatic Part

```
<!-- please remove this and the following line if you have checked this page -->
```

```
{{Reference_Cleanup}}
```

```
{{Reference
```

```
lname=adaplayout
```

```
lattributes=
```

```
}}
```

```
== [[Help:Reference|Syntax]] ==
```

```
<table cellpadding="4" cellspacing="2" class="cmd">
```

```
<tr>
```

```
<td colspan="2" class="cmd">\adaplayout<span class="first" style="color:red;">
```

```
[...,...,....]</span><span class="second" >[...,...=...,...]</span></td>
```

```
</tr>
```

```
<tr valign="top" class="first">
```

```
<td class="cmd">[...,...,....]</td>
```

```
<td>number </td>
```

```
</tr>
```

```
<tr valign="top" class="second">
```

```
<td class="cmd">[[Reference/en/keyword:height|height]]</td>
```

```
<td>[[Reference/en/value:dimension|dimension]] [[Reference/en/value:max|max]] </td>
```

```
</tr>
```

```
<tr valign="top" class="second">
```

```
<td class="cmd">[[Reference/en/keyword:lines|lines]]</td>
```

```
<td>[[Reference/en/value:number|number]] </td>
```

```
</tr>
```

```
</table>
```

```
...
```



# The Tools

- Create a new Layout template in Rails to fit the wiki syntax
- Wiki script to insert a text file as a new page
- Curl
- 3 lines of shell-code

# The Manual Part

- Go through every page and clean it up ( > 500 pages)

```
<!-- please remove this and the following  
      line if you have checked this page -->  
{{Reference_Cleanup}}
```

# The Conclusion

... I'd like to hear from you