How to use the
TI Embedded Processors MediaWiki

May ‘09
Wiki(s) Introduction

• What?
  – Based on open-standard Mediawiki (same as e.g. wikipedia)

• Why?
  – Need a way to get non-proprietary, important developer info out quickly
  – Enables collaboration, community contributions (Field, Factory, customers)

• When?
  – Davinci Wiki launched 1h07.
  – tiexpressdsp.com wiki launched April ’08. Marketing announcement sent to registered customers
    • Merged with Davinci wiki March ’09

• How?
  – Getting started guide / FAQ available on the wiki itself [link]. Webex recording here
Look & Feel

• Similar layout to ti.com Embedded Processors webpage
Categories

- Key categories are listed in the Main Page [link]
- When an author associates a new topic with a Category it automatically shows up under that Category
  - syntax example: -
    - [[Category : CCS]]

- Can associate a topic with multiple categories
  - [[Category : NDK]]
  - [[Category : CCS]]
Statistics

• Lots of useful statistics available from Left sidebar

<table>
<thead>
<tr>
<th>CATEGORY: Codec Engine</th>
<th>Hits: 274637</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Codec Engine FAQ</td>
<td>20029</td>
</tr>
<tr>
<td>2. DNA Framework Components</td>
<td>13315</td>
</tr>
<tr>
<td>3. Changing the DVEVM memory map</td>
<td>16002</td>
</tr>
<tr>
<td>4. Codec Engine Roadmap</td>
<td>10874</td>
</tr>
<tr>
<td>5. Debugging the DSP side of a CE application on DaVinci using CCS</td>
<td>9247</td>
</tr>
<tr>
<td>6. RTSC Codec And Server Package Wizards</td>
<td>7962</td>
</tr>
<tr>
<td>7. DaVinci Multimedia Application Interface</td>
<td>7816</td>
</tr>
</tbody>
</table>

• Popular Pages – ranked list of pages with most hits
• Popular Authors – same as above with initial & most recent authors
• Popular Categories – which categories are accessed most frequently
• Category Statistics – within a category which topics are most popular
Creating a new account

• First step is to create a new account and login
  – Simple. Takes 1 minute. Click top-right ‘Log in’ [link]
  – Entering email address, real name is optional
Contributing – creating a new topic

• Creating a new topic
  – NOTE : before you do this: -
    • Read the Wiki Do’s and Don’ts [link]
    • Search to see if somebody already created a similar topic that you could add to
    • Ensure there’s no customer names or proprietary material in it
  – Easiest way is to just enter your proposed topic name in the box above ‘Go’ then press ENTER.
  – If nobody has created that topic mediawiki will prompt you to create it

There is no page titled "My new topic". You can create this page.

For more information about searching Texas Instruments eXpressDSP

Showing below 11 results starting with #1.

View (previous 20) (next 20) (20 | 50 | 100 | 250 | 500)

No page title matches

Page text matches

1. AET & 560Trace Advanced Emulation Techniques (804 bytes)
   1: This topic gives technical details on usage of Advanced Em... 
2. TI eXpressDSP wiki Do's & Don'ts (4,239 bytes)
Editing

- Mediawiki editor has buttons for the basic operations (bold, headings, links, images...)
- Extra plugins installed for
  - code syntax highlighting
  - Extended Editor (tables, bullets, categories etc)
- Lots of helper topics out there on how to edit in mediawiki e.g. [link]

```
== Headline text ==

Test "bold" text

* bullet level 1
  * bullet level 2

Here's a link to [http://tistpressdcp.com/wiki/index.php?title=XDM_FAQ Another]

Let's embed an image in this topic [[Image:icon_css.gif]]

Now here's some nicely formatted C code: -
<code lang="c">
if (strcmp(args-&gt;codeName, "g711dec") == 0) {
    lattrs.readSize = BUFSIZE;
}
</code>
```

produces...

- Use ‘Show Preview’ before ‘Save Page’
Allowed filetypes & conversion utilities

• Most of the basic read-only filetypes are allowed e.g. 'png', 'gif', 'jpg', 'jpeg', 'pdf', 'gz'
  – .gz enables .tar.gz i.e. compressed tar files

• Filesize attachment limit = 5Mb

• For security reasons we do not allow MS Word or Powerpoint docs

• Converters
  – Lots of converters listed here [link]
  – Word -> mediawiki…
    • Word2MediaWikiPlus works well
  – Powerpoint -> mediawiki…
    • Adobe Professional
    • PdfSuite995
    • doPDF
    • PDF Creator…
  – Twiki -> mediawiki…
    • We have a Twiki -> Mediawiki plugin installed internally within TI [link]
## Future plans

<table>
<thead>
<tr>
<th>Item</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Improve Search – make Google Custom Search front &amp; centre!</td>
<td>Complete: Sep ‘08</td>
</tr>
<tr>
<td>Improve MediaWiki Ease of Use.</td>
<td>Complete: Mar ‘09 Installed GCS, extra edit toolbar. Installed WYSIWYG FCKEditor, Recent History, Leave A Comment</td>
</tr>
<tr>
<td>Category cleanup. Too many device categories == N pages to re-edit when new device comes out.</td>
<td>Complete: Oct ‘08</td>
</tr>
<tr>
<td>1 wiki. Merge tiexpressdsp.com &amp; wiki.davincidsp.com wikis</td>
<td>Complete: Mar ‘09</td>
</tr>
<tr>
<td>Broaden the scope to TI Embedded Processors wiki</td>
<td>Ongoing: MSP430, C2000 adding content, other groups doing likewise.</td>
</tr>
<tr>
<td>Training Material</td>
<td>Ongoing: TTO Pushing 1 day workshops to wiki under new <strong>Training category</strong></td>
</tr>
<tr>
<td>Upgrade to dedicated fast server</td>
<td>Complete: May ‘09</td>
</tr>
</tbody>
</table>
Summary

• Excellent source for developer content

• Get involved! Post Content!
  – Applications, Engineering, FAEs, 3rd parties, customers…