Internationalized Domain Names
- status report

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ICANN

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We have IDN TLDs in the root

-with evaluation facilities that you can take advantage of and try out

My Name
My Language
My Internet
<table>
<thead>
<tr>
<th>Script</th>
<th>Language</th>
<th>SLD.TLD U-labels</th>
<th>SLD A-label</th>
<th>TLD A-label</th>
</tr>
</thead>
<tbody>
<tr>
<td>Arabic</td>
<td>Arabic</td>
<td>مثال اختبار</td>
<td>xn--mgbh0fb</td>
<td>xn--kgbechtv</td>
</tr>
<tr>
<td>Arabic</td>
<td>Persian</td>
<td>مثال آرمانشی</td>
<td>xn--mgbh0fb</td>
<td>xn--hgbk6aj7f53bba</td>
</tr>
<tr>
<td>Chinese, simplified</td>
<td>Chinese</td>
<td>例子 测试</td>
<td>xn--fsqu00a</td>
<td>xn--0zwm56d</td>
</tr>
<tr>
<td>Chinese, traditional</td>
<td>Chinese</td>
<td>例子 测试</td>
<td>xn--fsqu00a</td>
<td>xn--g6w251d</td>
</tr>
<tr>
<td>Cyrillic</td>
<td>Russian</td>
<td>пример.испытание</td>
<td>xn--e1afmkfd</td>
<td>xn--80akhbyknj4f</td>
</tr>
<tr>
<td>Devanagari</td>
<td>Hindi</td>
<td>उदाहरण परीक्षा</td>
<td>xn--p1b6ci4b4b3a</td>
<td>xn--11b5bs3a9aj6g</td>
</tr>
<tr>
<td>Greek</td>
<td>Greek</td>
<td>παράδειγμα δοκιμή</td>
<td>xn--hxajbheg2az3al</td>
<td>xn--jxalpdlp</td>
</tr>
<tr>
<td>Hangul</td>
<td>Korean</td>
<td>설례 테스트</td>
<td>xn--9n2bp8q</td>
<td>xn--9t4b11yi5a</td>
</tr>
<tr>
<td>Hebrew</td>
<td>Yiddish</td>
<td>בנויה. Дмיטרמ</td>
<td>xn--fdbk5d8ap9b8a8d</td>
<td>xn--deba0ad</td>
</tr>
<tr>
<td>Kanji Hirigana, and Katakana</td>
<td>Japanese</td>
<td>例え.テスト</td>
<td>xn--r8jz45g</td>
<td>xn--zckzah</td>
</tr>
<tr>
<td>Tamil</td>
<td>Tamil</td>
<td>தமிழ் தேர்வு</td>
<td>xn--zkc6ce5bi7f6e</td>
<td>xn--hlcj6aya9esc7a</td>
</tr>
</tbody>
</table>
Main IDN Related Conferences, Meetings and Events:

Mar

2003

Selected IDN Activities:

Jun

IDN Protocol Released

Implementation by gTLD and ccTLD registries

More details available at:
http://icann.org/topics/idn
History

Main IDN Related Conferences, Meetings and Events:

- 2003
  - Mar
  - Jul
- 2004
  - Jul
  - Dec
- 2005
  - Jul

Selected IDN Activities:

- Jun
  - IDN Protocol Released
  - Implementation by gTLD and ccTLD registries
- Feb
  - Spoofing Concerns Arising
- Sep
  - Guidelines revision Initiated

More details available at:
http://icann.org/topics/idn
Main IDN Related Conferences, Meetings and Events:

- Mar 2003
- Jul 2004
- Dec 2004
- Jul 2005
- Dec 2005
- Jul 2006

Selected IDN Activities:

- Jun 2003: IDN Protocol Released
- Feb 2004: Implementation by gTLD and ccTLD registries
- Sep 2004: Spoofing Concerns Arising
- Sep 2005: Guidelines revision Initiated
- Feb 2006: Protocol revision Initiated
- Aug 2006: ICANN IDN Program Initiated

More details available at: http://icann.org/topics/idn
“Ideas like inventing a top-level domain called ‘dot test’ or its equivalent in different script and languages, and then providing a battery of examples of instances in URLs, in email addresses, and other things, software contexts in a document you’re working with a spreadsheet, you’re doing cutting and pasting, you’re interacting with the web.

The idea is to get an early warning about what happens when we start using these specially encoded strings in existing software packages so we have some idea of what users will encounter when we start using IDNs on a regular basis.”

-- Vint Cerf
Main IDN Related Conferences, Meetings and Events:

- 2003
- 2004
- 2005
- 2006
- 2007

Selected IDN Activities:

- Jun: IDN Protocol Released
- Sep: Guidelines revision Initiated
- Aug: DNS Test in Laboratory Completed
- Sep/Oct: Board Approval: .test delegation - .test plan
- Dec: Protocol Revision Finalized

- Implementation by gTLD and ccTLD registries
- ICANN IDN Program Initiated
- IANA IDN TLD process
- Emergency removal process
- RSSAC & SSAC Statements
- Guidelines revision v.2.2
- ccNSO-GAC Issues Paper
- Launch of IDN Live Evaluations & Initial Results

More details available at:
http://icann.org/topics/idn
.test IDN wiki set-up

• Launched 15 October 2007
• 45,000 page requests in first 24hr
• 200,000 page requests after 2 weeks
  – users on all eleven wikis
• Primarily browser usability feedback
test IDN wiki set-up

- Launched 15 October 2007
- 45,000 page requests in first 24hr;
  200,000 page requests after 2 weeks
  - users on all eleven wikis
- Primarily browser usability feedback
- New additions and ideas:
  - Email test
  - Customer survey
  - SSL certificates
  - Online keyboards
Technical Related Activities

• IDNA Revision (IETF)
  – Aiming at finalization this calendar year
  – Following standard IETF procedures
    • http://www.ietf.org/internet-drafts/draft-alvestrand-idna-bidi-01.txt

• Security Study (SSAC)
  – structure is re-assessed due to live IDN TLDs

• UI, Application, DNS detailed paper
  – To identify areas of concern and communication needs

• IDN Guidelines
  – Follows the protocol revision to some extend.
  – Latest version 2.2 takes the TLD into consideration
TLD Allocation and Delegation
Policies and Processes

• Currently ICANN follows:
  – ISO3166 list for ccTLD delegation
  – Previous introduction of new gTLDs

• None are adequate for IDN TLDs

• ICANN staff does not develop policies or make decisions on policy questions
Process for Introduction of new gTLDs

- Process is aiming at being open for applications in mid 2008
  - Include IDN TLDs if technical requirements are in place
- GAC statement requires that application for a string with country or territory name needs government support
  - gTLD registry and ccTLD registry relationship with ICANN are *very* different, for example
    - Use of registrars
    - Policy development vs national legislation
    - Contractual relationship vs framework
Process for introduction of ‘IDN ccTLDs’

• ccNSO and GAC two-track approach
  – Board resolution at San Juan meeting
    • Address issues raised in Issues Paper
    • Explore interim & overall approach

• Overall Policy
  – ccNSO launched policy development process
    • Address issues in Issues Paper
    • Address institutional issues

• Fast track approach
  – Ascertain near-term demand IDN ccTLDs
    • Open letter from ccNSO Chair to ccTLD managers
  – Proposal for IDN WG and cross-community process
    • Supported by ccNSO, GAC, ALAC and GNSO
    • IDN WG to recommend methodology
Thank You

http://idn.icann.org

http://icann.org/topics/idn