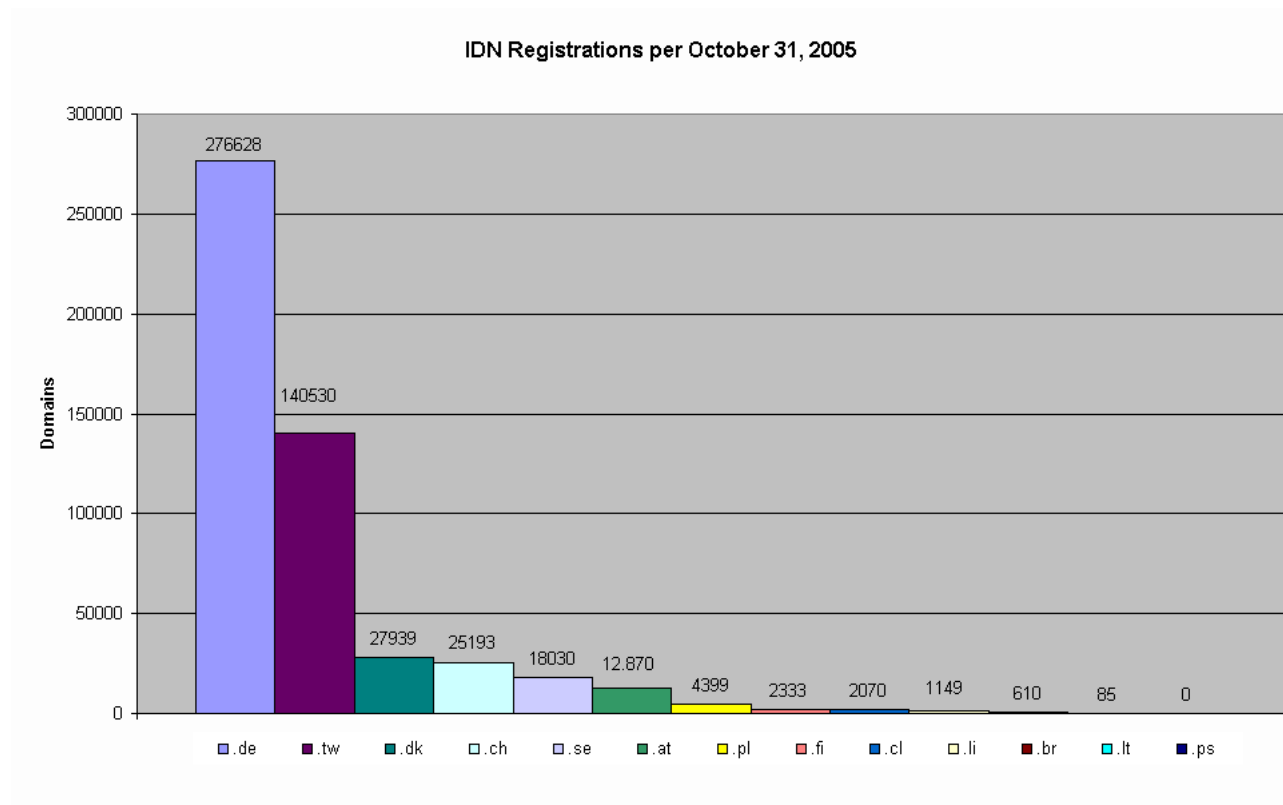




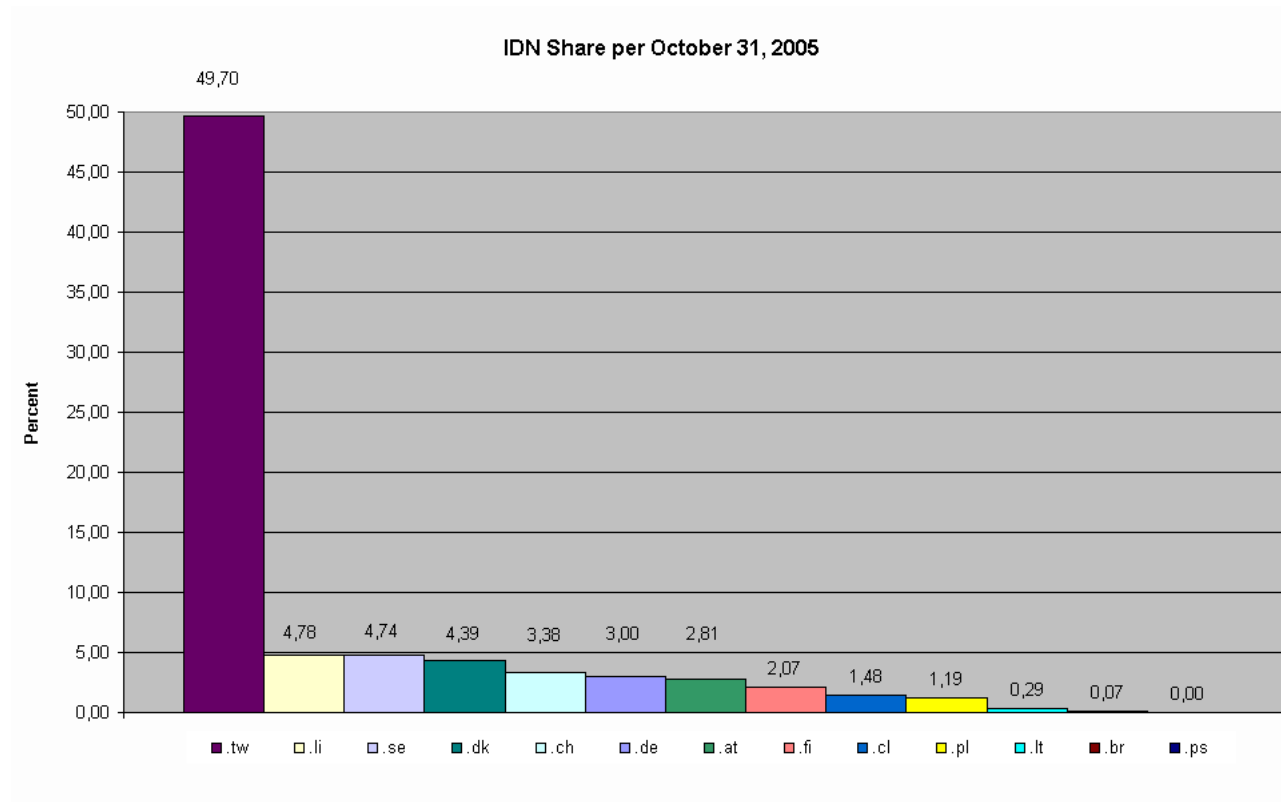
IDNs - Experiences and Perspectives

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Experience



Experience



Perspective

- More support in applications:
 - <http://www.denic.de/en/domains/idns/browser.html>
 - IDNs enabled back in Firefox 1.5
 - Looking forward MSIE7
 - MUA native support (for now only Foxmail)
- Internationalized e-mail addresses
 - IEE BoF in the last IETF
 - Not a presentation layer approach
- IDNs in the root
 - Which?
 - How?

Perspective

- IAB IDN Ad Hoc Committee
 - Initiated March 2005
- Revision of the IDNA standard:
 - Updating to new versions of Unicode (4.1 or 5.0)
 - Listing allowed characters instead banned ones
 - Elimination of non-language characters
 - Elimination of word-separation punctuation
 - Review of the normalization/mapping rules of Nameprep

Issues that IDNAv2 cannot address

- Language or context dependant matching
- Alternate spellings
- Near or fuzzy matching
- Confusable or look-alike characters
- Spoofing of digital certificates
- Trademark problems, domain disputes
- Hunger in the world

Better addressed in other kind of navigational techniques (e.g. keyword systems) in the application layer (e.g. browsers), not in IDNA or DNS.



Thanks for your attention
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