

IDN discussions in ccNSO

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@ Sao Paulo ICANN meeting

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Brief History of ccTLD IDN discussion

- **Discussion on IDNs as SLD, 3LD, ...**
 - **2000~**
 - Sharing the basics
 - Sharing experiences
 - Sharing issues
- **Discussion on IDNs as TLD**
 - **June 2006 (Marrakech)**
 - Sharing the content of gNSO issue reports on IDN TLDs
 - **October 2006**
 - Creation of IDN-WG
 - **December 2006 (Sao Paulo)**
 - Discussion on issues from ccTLD perspective in ccNSO
 - IDN-WG Chair appointed Dr. Liang from TWNIC

Discussion in Sao Paulo

**Discussion was made to understand/define the issues.
No result or consensus has been built.**

- **ccNSO members meeting discussed about IDN TLDs**
 - **Sharing the current status for IDN TLD**
 - **Technical tests**
 - **IETF protocol revision**
 - **Policy related items to consider**
 - **Same aspects and distinctions between ccTLD and gTLD ?**
 - **What is an internationalized ccTLD ?**
 - **GAC plays a role in defining IDN ccTLD string ?**
 - **Language community (and/or language script sharing community) plays a role in defining and/or operating IDN TLD?**
 - **1 IDN TLD per 1 TLD in the first round ?**

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IDN ccTLD string definition

- **What string ?**
 - **Mapping to RFC1591 (which refers to ISO3166) ?**
 - **Maybe yes**
 - **In what script ?**
 - **Official language?**
 - **Some countries even have no definition of official languages**
 - **Daily-used language is not an official language in some countries**
 - **Script-X version of ccTLD-Y for Script-X community in the country ?**
 - **All combinations of [script] x [cc] ?**
 - **How many characters ?**
 - **Just 2 characters ?** **Maybe no**
 - **Fully-spelled official country name ?**
Maybe not applicable to all cc
 - **Avoiding similar looking string to other TLDs (cc+g) ?**
 - **If yes, in what mechanism?**

IDN ccTLD string definition

- **By whom?**
 - Language community (who use certain script)
 - Definable ?
 - Other entities such as GAC/UN
 - ISO may not be the option (because they once declined?)
 - Existing ccTLD by itself
 - Can a country having script-X community run script-X version of other-country's ccTLD?
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- **Background issues**
 - Definition of ccTLD
 - No clear definition
 - RFC1591 (which refers to ISO3166)

IDN ccTLD manager

- **Who?**
 - Existing ccTLD manager of the ASCII cc ?
 - If not existing ccTLD manager
 - Who decides ?
 - Relationship to the existing ASCII cc space ?
 - Independent ?
 - Some mapping ?

How we proceed

- **Communication with GAC**
 - In defining IDN ccTLD string
 - Mainly for the definition per se
 - May need time to decide country-name, script, representation, ..
 - Joint Working Group?
- **Communication with gNSO**
 - In defining IDN ccTLD string
 - Mainly for consistency with gTLDs
 - Joint Working Group
- **Communication with others**
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- **Inside ccNSO**
 - Define the issues ==> discussion paper
 - Meet with other entities in Lisbon