

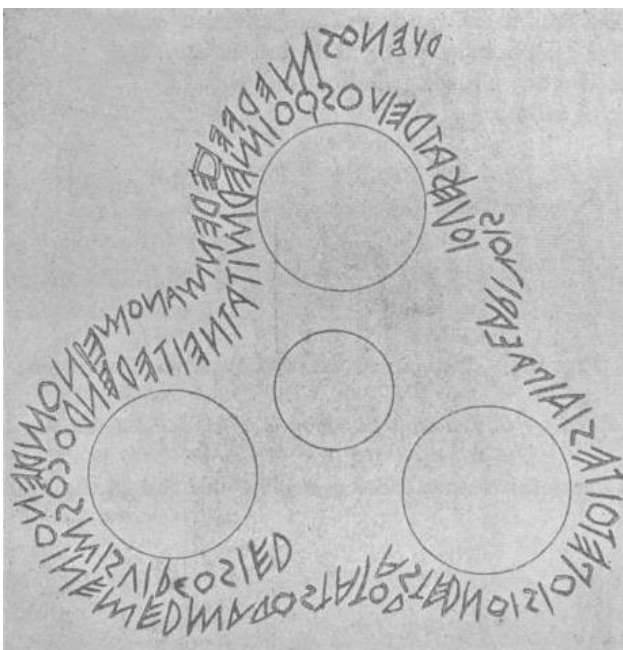
Proposal for Generation Panel for Latin Script Label Generation Ruleset for the Root Zone. Ed. C. Dillon. Version 4 (5 Feb. 2016)

1. General Information

The Latin script¹ is derived from the Greek alphabet², as is the Cyrillic script. The Greek alphabet is in turn derived from the Phoenician alphabet which dates back to the mid-11th century BC and is itself based on older scripts. This explains why Latin, Cyrillic and Greek share some letters.

The Latin alphabet originated in Italy in the 7th Century BC. The original letters were: A, B, C, D, E, F, Z, H, I, K, L, M, N, O, P, Q, R, S, T, V and X. There were only upper case letters.

G developed from C and J from I. V and U split and a ligature of VV became W. Languages added new letters, for example þ (thorn) for Scandinavian languages, borrowed from the runic alphabet. Letters were often combined to form ligatures, (for example, æ from a and e in Danish and Norwegian) or ß (from Gothic s and z, in German). The current basic set is: A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y and Z.



The Latin script is alphabetic – there are letters for both consonants and vowels. Some languages, such as Esperanto, use it phonemically, so that sounds are represented in a systematic way; other languages, such as English, use it so that other aspects, such as etymology, are represented. For example, the spelling of *night* connects it with German *Nacht*, although *gh* is no longer pronounced.

Letters of the Latin script now exist in upper and lower case forms. There may be little visual similarity between a letter's upper and lower case forms, for example, A and a.

The Duenos Inscription, 6th Century B.C.

The Latin script is almost always written left-to-right.

Letter shapes may be considerably different depending on the language and whether the script is handwritten or printed.

¹ *Script* is used here to indicate the whole writing system including basic letters, ligatures and diacritics.

² *Alphabet* is used to refer to the basic set of letters, as used, for example, in a dictionary.

There are many different writing styles. Until the 1940s, for example, German was commonly written in Gothic (or blackletter) script ("Fraktur"). Sütterlin was a common form:

Libronilnu noie jnd
 foru du dnyfnn dny=
 knntfrit ulb Dntnolin=
 frit bgnifnt. Sind
 limgt nofl dnyu, dny
 dn Dntnlinfrit dnjn=
 nign foru du dnyfnn
 dnyknntfrit if, dnkn
 Dntn un bndntntntn
 if. Inqdm if dnjn Ln=
 gnifnyng yngitntntn,
 dnkn nb qyb dn dnyfnn
 dnyknntfrit ifon lny=
 qn noe Lndnyng Dntn=
 lin.

Normally letters appear separately when printed and joined together when written by hand. However, some printed fonts join the letters together and many people have individual preferences to write at least some letters separately in their handwriting.

Spaces are almost always used to separate words. The hyphen (-) is used in many languages to separate elements that belong together in some way, for example, parts of a compound noun or to indicate that a word has been truncated, for example, at the end of a line.

Sample of printed Fraktur by -donald-

*Ewel zaman içinde,
 Kalbur saman içinde,
 Develer tellal iken,
 Pireler kamal iken,
 Ben de babamın beşîğini
 Tüngen münğün sallan iken...*

Sample of Turkish handwriting. Note how T and i are not joined at the start of the last line.

Diacritics also came to be used to modify letters in many languages. These may appear anywhere around, most commonly above (é), below (ç), or through (ø) a letter. Several diacritics may attach to the same letter; Vietnamese ơ, for example, has a hook on the right and a dot below.

Some languages consider letter + diacritic as one letter. Norwegian (both Bokmål and Nynorsk varieties), for example, lists these three letters at the end of its alphabet: Æ, Ø and Å.

Diacritics may perform different roles depending on the language:

- For example, in French the acute accent over e (é) is used to indicate a closed e sound, for example, café.

- In Spanish, however, the same diacritic is used to indicate cases where the stress does not fall on the penultimate syllable, for example, dieciséis ‘sixteen’.
- In Vietnamese, the same diacritic would indicate a high rising tone.

1.1 Latin Script as Represented in Unicode

As represented in Unicode, the Latin script has some identical glyphs³, for example, 0259 ə (schwa) and 01DD ə (turned e). The following glyphs belong to both the Latin and Cyrillic scripts: A, B, E, S, I, J, K, M, O, C, T, Y, and X (this is a non-exhaustive list). In the case of H and P, which also belong to both alphabets, it should be noted that they represent N and R sounds in Cyrillic.

A letter with two diacritics, for example, ç, may be typically represented in several ways in Unicode – as a precomposed form (U+1E09), or as the letter and the first diacritic with the second added (U+0107 ć + U+0327 COMBINING CEDILLA), or with the letter and the second diacritic with the second diacritic added (U+00E7 ç + U+0301 COMBINING ACUTE ACCENT).

It is possible that combining marks may be required for some languages in widespread modern use.

1.2 Target Script for the Proposed Generation Panel

The Latin script has the following specifications:

ISO 15924 code: Latn

ISO 15924 no.: 215

English Name: Latin

Note that the Gaelic and Fraktur variants of Latin have their own ISO 15924 codes and numbers (Latg 216 and Latf 217 respectively), and so do not fall within the remit of the Latin Generation Panel (LGP).

The complete set of code points in the Latin script fall in the following Unicode ranges:

Controls and Basic Latin	U+0061 – U+007A
Controls and Latin-1 Supplement	U+0080 – U+00FF
Latin Extended-A	U+0100 – U+017F
Latin Extended-B	U+0180 – U+024F
Latin Extended-C	U+2C60 – U+2C7F
IPA Extensions	U+0250 – U+02AF
Combining Diacritical Marks	U+0300 – U+036F

³ Elemental symbols within an agreed set, representing a character for the purposes of writing.

Latin Extended-D	U+A720 – U+A7FF
Combining Diacritical Marks Supplement	U+1DC0 – U+1DFF
Latin Extended Additional	U+1E00 – U+1EFF
Latin Ligatures	U+FB00 – U+FB0F
Full-width Latin Letters	U+FF00 – U+FF5E

MSR2 excluded the following ranges:

- Latin Extended-D; technical use (phonetic)/obsolete/punctuation
- Latin Ligatures; ##
- Full-width Latin letters; ##

1.3 Inclusion

The panel will need to develop criteria for inclusion in the Latin script table of code points. Examples of such criteria could be:

- The code point is used to write a language with an EGIDS⁴ score between 1 and 4.
- The code point is used to write a language with an EGIDS score of 5 or above, but the language is in **modern use**:
 - Current newspapers use Latin script to write the language.
 - The language is written in the Latin script and spoken by a large number (to be defined) of speakers.

Even if a code point falls under a criterion, there could be a reason (to be defined) why it is not possible to include it in the table.

1.4 Exclusions

Code points must be in contemporary use, and must not be punctuation, or solely for historical, religious text or other specialist use.

To determine whether a code point is in a language in modern use, websites such as Ethnologue including EGIDS, Omniglot, ScriptSource and Unicode (especially the Common Locale Data Repository) and Wikipedia will be used. Other major criteria include the number of speakers and whether there exists a modern literature or newspapers in the language. Certain characters are only used for historical purposes. For example, some consonants in Irish Gaelic were formerly written with a dot above them, e.g., *ḃ, ċ, ḋ, ḟ, ġ, ṁ, ṗ, ṡ* and *ṫ*; now they are written: *bh, ch*, etc.

It is possible that there may not be precomposed forms in Unicode 8.0 for all letters in languages in modern use or even letters that cannot be represented in Unicode 8/0.

⁴ Expanded Graded Intergenerational Disruption Scale

The Latin script is often used to Romanize other languages. For example, in the Hepburn Romanization of Japanese, 東京 would be written as Tōkyō. Romanization may require the use of unusual diacritics, for example, a dot under a consonant (for example, ð) may represent a retroflex sound, as in Indian languages. Many unofficial Romanizations also exist such as Arabic chat:
ana raye7 el gam3a el sa3a 3 el 3asr.

1.5 Foundation documents and RFCs

Terminology Used in Internationalization in the IETF (RFC 6365) is used for definitions.

The normative statement of the protocol-valid code points is given in RFC 5892 with a corresponding reference table in the IANA Protocol Registry.

Code points in IDNs in Latin script must be PVALID in the IDNA 2008 protocol and CONTEXT O/J.

1.6 Principal languages using the script

Major world languages using the Latin script include:

- Europe: Many Romance, Germanic and Slavonic, and some other languages including Spanish, French, Italian, Portuguese, English, German, Dutch, Swedish, Danish, Norwegian, Polish, Czech, Croatian, Finnish and Hungarian.
- America: Many European languages plus indigenous languages including Guaraní, Cubeo, Q'eqchi', Shavante, Ixil, Zapotec, Atikamekw, etc.
- Eskimo-Aleut: Inuit and Yupic languages, and Aleut.
- Africa: Many European languages plus indigenous languages including Swahili, Hausa and Yoruba.
- Central Asia: Azeri, Turkish, Turkmen, Uzbek, etc.
- Australasia and South-East Asia: Many European languages plus Pitjantjatjara, Maori, Indonesian, Bahasa Malaysia, Tagalog, Vietnamese, Polynesian languages, etc.

See Appendix A for a longer but probably non-exhaustive list.

Europe

- The Latin script is the writing system in widest use in Europe. Cyrillic is used by several countries, for example Bulgaria and Serbia, and the Greek alphabet is used by Greece.
- Many languages have modified letters by adding diacritics, for example, ą in Polish or created digraphs, for example, œ in French or new letters, for example þ (thorn) in Icelandic.

Americas

- Thousands of languages were spoken before contact with Europeans.
- Many are now critically endangered but some have been given official status, for example, Guaraní and Aymara.

Eskimo-Aleut

- Eskimo languages split into Inuit languages written in Latin and Inuktitut Syllabics and Yupic languages written in the Latin and Cyrillic scripts. Kalaallisut, spoken in Greenland, is an EGIDS level 1 language.
- Aleut is spoken in Alaska. It is an EGIDS level 7 language, using, for example, ǰ circumflex and x circumflex (which has no precomposed form in Unicode 8.0).

Africa

- Today, the Latin script is the writing system in widest use in Africa.
- It is estimated that over 500 out of the 2000 languages spoken in Africa today have orthographies (Bendor-Samuel 1996: p.689), with the vast majority being Latin script-based.
- The Latin script has been significantly extended or modified to represent African languages:
 - Frequently, supra-segmental features such as tone were encoded using super- and subscripted graph(eme)s, such as accent marks.
 - Next to entirely new letters, di-, tri- and quadrigraphs, for example, are often-much used to represent single phonological units.
- A number of code-points are already excluded by the “letter principle” in the MSR, as well as IDNA 2008.

Central Asia

- The languages of the majority of the inhabitants are Turkic: Azeri, Tatar, Turkish, Turkmen, Uzbek, etc.
- Some languages in the area are sometimes and others exclusively written in the Cyrillic or Arabic scripts.
- Some diacritics are used, for example, ü and ş in Azeri, Turkish and Turkmen, and some additional letters are used, for example, ə (schwa) in Azeri.

South East Asia and Australasia

This area contains Polynesian, Australian, Austronesian and Papuan languages.

- Major Polynesian languages include Hawaiian, Maori, Samoan, Tahitian and Tongan. Long vowels may be indicated by macrons, for example, ō.
- There are fewer than 150 Australian languages in modern use. Some use digraphs, and some diacritics, for example, ṁ in Pitjantjatjara.
- There are over 1,000 Austronesian languages, including Bahasa Malaysia, Indonesian, Formosan languages and Tagalog. Most Austronesian languages now use the Latin script, but there is some use of the Arabic script, for example, Jawi.
- Some Austronesian languages are spoken in New Guinea. Most of the over 1,000 languages spoken there are Papuan languages with Latin-based writing systems.

1.6 Related Scripts

As mentioned above, the Latin and Cyrillic scripts developed from the Greek script and share several letters. The Greek, Arabic and Hebrew scripts developed from the Phoenician alphabet, but the relationship is so distant that there is little visual similarity among most related letters among them. The Armenian script may be modelled on the Greek script and a small number of letters are shared.

The Fraktur and Irish Gaelic writing styles of the Latin script are so different that Unicode considers them different scripts.

Ùais bé móríac le dláctpád
fíonfíonn trí hata mo dea-rórcáin
bíz. jkqvwxy 7 z & 1234567890:
Ceanannas an cló a úsáidtear anseo.

sample of Irish Gaelic by Arthur Baker

2. Proposed Initial Composition of the Panel

The role of the LGP is to establish the repertoire and Label Generation Rules for top level internationalized domain names in Latin script.

2.1 Panel Chairs and Members (with Expertise)

The current working group includes the following members in alphabetical order:

No.	Name	Position	Organization	Country	Language Expertise
1	Tunde Adegbola	Member	African Languages Technology Initiative	Nigeria	
2	Sarat Assirou	Member	Institute COADY	Ivory Coast	Dioula, Baoulé Bété, Ebríé
3	Dwayne Bailey	Member	Translate.org.za	South Africa	Afrikaans, Northern Sotho, Venda, Tswana and Southern Sotho
4	Ahmed Bakht Masood	Member	Pakistan Telecom Authority	Pakistan	Urdu, English
5	Matthias Brenzlinger	Member	University of Cape Town	South Africa	
6	Chris Dillon	Co-Chair	University College London	UK	English, German, Spanish

7	Tarkan Doruk	Member	Sanofi	UAE	Turkish
8	Yashar Hajiyev	Member	Information Policy Analytical Center	Azerbaijan	Azerbaijani, English
9	Hazem Hezzah	Member	League of Arab States	Egypt	Arabic, German
10	Paul Hoffman	Member	ICANN	US	English
11	Tarik Merghani	Member	AfTLD	Sudan	
12	Meikal Mumin	Member	University of Cologne	Germany	German, English, use of Latin script for African languages
13	Danko Jevtovic	Member	Fondacija	Serbia	Serbian, English
14	Ngo Thanh Nhan	Member	New York University	US	Vietnamese
15	Daniel Omondi	Member	Internet Society	Kenya	
16	Oscar Gabriel Ledesma Piñeiro	Member	Alfa-REDI	Argentina	Spanish, English
17	Gideon Kiprono Rop	Member	DotConnectAfrica	Kenya	
18	Jean-Jacques Subrenat	Member	NCUC; Individual Users; NMI/CC; ICG	France	French, English
19	Mirjana Tasić	Member	National Internet Domain Names of Serbia (RNIDS)	Serbia	Serbian, English
20	Aysegul Tekce	Member	ICANN	Turkey	Turkish
21	Eric Brunner-Williams	Co-Chair	CORE	US	English
22	Bonface Witaba	Member	Global Knowledge Partnership Foundation	Kenya	Swahili
23	Jiankang Yao	Member	Computer Network Information Center (CNIC, CAS)	China	Mandarin Chinese, Pinyin and English

Relevant expertise

Name: Chris Dillon

Role: Generation Panel Co-Chair, Academia (linguistic)

Designation: Research Associate, University College London

Relevant experience:

- 2012-present: Member of the VIP Chinese Generation Panel (see <https://community.icann.org/display/croscomlgrprocedure/Chinese+Script+GP>).
- 2016-: Member of IDN Implementation Guidelines Working Group
- 2016- Member of Next-Generation RDS Working Group
- 2014-2015 Formerly Co-Chair of the GNSO Translation & Transliteration of Contact Information Policy Development Project Working Group
- (see <https://community.icann.org/display/tatcipdp>).
- 2011-2014 Member of the JIG [ccNSO/GNSO Joint IDN Working Group] (see <http://ccnso.icann.org/workinggroups/jiwg.htm>).
- 08/2012–12/2012 Project 2.1 (Root IDN Table Process) (see www.icann.org/en/news/announcements/announcement-3-21mar13-en.htm).
- Formerly member of the Variant Issues Project Chinese Case Study (see <https://community.icann.org/display/VIP>).
- 2010-2012 Project Manager of the String Similarity Evaluation Panel during the first round of ICANN's New gTLD Program

Name: Sarat Assirou

Role: Linguistic Expert / Community Representative

Designation: Instructor, Université Félix Houphouët Boigny de Cocody, Côte d'Ivoire

Relevant experience

- Linguist, specialist in functional alphabetization
- Consultant on alphabetization
- Lecturer in the department of language sciences at the Université Félix Houphouët Boigny de Cocody

Seminars and experiences on alphabetization:

- October 2007: Participation in the editing seminar to set up the Institutions for Training and Women's Education (Institutions de Formation et d'Education Féminine - IFEF) in Cote d'Ivoire.
- July-August 2010: Realization (in association with Dr Kalilou TERA) of the diagnostic study on alphabetization in Côte d' Ivoire, sponsored by the National Ministry of Education (MEN) with financial support from UNICEF.
- October 2011: Seminar on the validation of the diagnostic study on alphabetization in Abidjan, Côte d'Ivoire (AIBEF).
- Since January 2012: TV presenter under the heading "PARLONS NOS LANGUES" ("Let's speak our Languages) in the broadcast "LES TRESORS DU MONDE" ("Treasures of the World") on channel TV2 on Radio Télévision Ivoirienne (RTI).
- November 2014: Training officers for the direction of Alphabetization and Informal Education (Direction de l'Alphabétisation et de l'Education Non Formelle - DAENF) in methods and techniques for the alphabetization of national languages

Name: Ahmed Bakhat Masood

Role: Regulator, DNS, Arabic Generation Panel, Security

Designation: Deputy Director (ICT/Network)/ Pakistan Telecom Authority

Relevant experience

- 2013 to present: Member of Task Force on Arabic IDN (TF-AIDN)

- 2014- to present: Member of Program Committee Middle East DNS Forum (<http://www.mednsf.org/en/program-committee/>)

1998 to present: Pakistan Telecom Authority (PTA)

- Initiation of different ICT projects for community development like IXP for Pakistan
- Coordination for IPv6 Task Force for Pakistan Network Management, Network Security including DNSSEC and Network forensic
- Coordination with APNIC, SANOG, ICANN and academia for trainings on modern technologies like IPV6, DNSSEC, IRM
- Network and Security management
- Implementation of ISO 27001 standards in PTA

Name: Hazem Hezzah

Role: Generation Panel member, National and regional policy makers

Designation: IT Expert for ICT Development / League of Arab States

Relevant experience:

- 2013-present: Member of the Task Force for Arabic Script IDNs (TF-AIDN)
- 2012- present: Member of the Multistakeholder advisory group and preparation team for the Arab Internet Governance Forum.
- 2012-present: Participated in preparation, evaluation and contracting for the (.arab) gTLDs, and currently preparing policies for the new gTLD.
- 1991-2011: Performed various IT related roles as support, consultant and technical project manager.

Name: Jean-Jacques Subrenat

Role: Policy Expert

Relevant experience

Currently:

- Member of the NTIA IANA Functions' Stewardship Transition Coordination Group (ICG)
- Member of the NETMundial Coordination Council
- President of the Steering Committee, IndividualUsers.org (elected in October 2015)

Member of the ICANN Board of Directors 2007-10 during which:

- Member of President's Strategy Committee (where he was a co-author of the "Implementation Plan for Improving Institutional Confidence")
- Structural Improvements Committee; Public Participation Committee (as its first Chair)
- Member of Board Working Groups: ALAC Review, Board Review, ccNSO Review (as its Chair)

Name: Mirjana Tasić

Role: Registry / DNS/Unicode Expert / Linguist

Designation: Executive Advisor, RNIDS (Register of National Internet Domain Names of Serbia)

Relevant experience

- 08/2012–12/2012 ICANN IDN variant TLD Program: Project (P2.1) - Procedure to Develop and Maintain the Label Generation Rules for the DNS Root Zone in Respect of IDNA Labels ICANN volunteer
- 03/2009 – present: Executive Advisor at RNIDS (Register of National Internet Domain Names of Serbia). Introduction and implementation of IDN ccTLD Fast Track Process for ccTLD <cp6><xn—90a3ac>: string evaluation, domain delegation, sunrise and open registration.

- 07/2006–03/2009 Acting Director of RNIDS (volunteer work) Realization of organizational, political and financial prerequisites for the establishment of RNIDS: RNIDS registration; provision of legal framework for RNIDS operation; organization and establishment of RNIDS office; preparation and implementation of .rs landrush procedures; organization and implementation of the transition process from .yu to .rs domain.
- 04/2006–07/2006 Founder of RNIDS (volunteer work). Organized the RNIDS founding assembly meeting on July 7, 2006.
- 04/1994–09/2008 YU TLD (YU Top Level Domain) Administrator (volunteer work). Managed operation of .yu DNS; Maintained database of .yu domains.
- 1992–1994 Chairwoman, Technical Committee, Academic Network of Yugoslavia. Actively participated in the introduction of internet in Serbia. (volunteer work)
- 1991–10/2010 Administrator of Class B IP address (147.91) assigned to the University of Belgrade, Serbia. (volunteer work)

2.2 Panel Diversity

As the Latin script is used by several hundred languages (see the appendix), it is not possible to have representation from experts of all of them. The approach taken, therefore, is to have experts covering areas of languages, for example, African languages using the Latin script.

? *National and regional policy makers*

Some members of the panel are well versed in ICANN policy, others in national and regional policy.

✗ *Technical community (general and DNS)*

##

? *Security and law enforcement*

The panel has little expertise in this area. It is possible that some code points that otherwise would have been included will need to be excluded for security reasons such as visual similarity.

? *Academia (technical and linguistic)*

The panel has good coverage of European languages (Romance, Germanic and Slavonic), some coverage of North American indigenous languages, some coverage of African languages, but only weak coverage of South East Asian and especially Central Asian languages and again weak coverage of Australasian languages.

■ *Community-based organizations*

Several members of the panel work for community organizations.

■ *Local language computing using Unicode and specifically IDNs*

Several of the linguists have a good knowledge of local language computing, Unicode, IDNA and ICANN's Variant Issues Project.

2.3 Relationship with Past Work or Working Groups

Until the advent of IDNs in 2003, the “LDH set” – Latin letters “a” to “z” in both upper and lower case, the digits “0” to “9” and the hyphen was used for the registration of names in the DNS.

IDNA (Internationalized Domain Names in Applications) is the protocol used for implementing IDNs. The latest version is 2008, but changes from the 2003 version are likely to break the Longevity Principle in the *Procedure to develop and maintain Label Generation Rules for the Root Zone in respect of IDNA Labels*.

ICANN's Variant Issues Project Study Group for the Latin Script produced *Considerations in the use of the Latin script in variant internationalized top-level domains* in 2011.

3. Work Plan

3.1 Suggested Timeline with Significant Milestones

The Generation Panel intends to divide the work on the LGR for the Root Zone into four stages:

1. Finalization of Code Points
2. Finalization of Variants (if any)
3. Finalization of Whole Label Rules
4. Finalization of LGR Documents for Latin Script and Submission to ICANN

At all stages there will be consultation with the Integration Panel, the Generation Panels of Related Scripts, and the public via periodic public comments.

1. Finalization of Code Points

This stage involves the listing of code points from the parts of Unicode listed in section 1.1 above. Rows in the list will be coloured red until they are attested as in languages in modern use, at which point the colouring will be changed to black. This situation for attested code points will be represented in an XML file. For the non-exhaustive list of languages using the Latin script that is to be used, see the appendix.

2. Finalization of Variants (if any)

The LGP will decide if it is necessary to declare in-script and/or cross-script variants. In the event of a declaration of either sort of variant, an exhaustive list will be made. This situation will be represented in an XML file.

3. Finalization of Whole Label Rules

The LGP will check that no problems are caused by any default WLE and then list any Latin script-specific WLEs, if, for example, some code point may only occur in certain positions in a label (German ß would be mid-label or label-final only), or may only occur together with certain other code points or ranges of code points. This situation will be represented in an XML file.

4. Finalization of LGR Documents for Latin Script and Submission to ICANN

The proposal document and XML files will be completed, taking into account public comments and the work of the Generation Panels of related scripts (at least Cyrillic and Greek). It is possible that a delay may be necessary at this stage.

3.2 Proposed schedules of meetings and teleconferences

The schedule below roughly presumes the Arabic Generation Panel's schedule. The AGP's experience is likely to speed up the LGP's work. The Latin script, however, is used by a larger number of languages and consists of a larger number of code points; both factors which will slow down the LGP's work. The schedule presumes about four months on work with variants. If they are not declared, this may decrease to as little as one month. It may be necessary to appoint advisors to fill gaps in the panel's experience. The panel is composed largely of volunteers and not all of them will have time at all stages of the work.

Task name	By	Status
Develop call for participation	Tue 06-23-15	Done
Publicly release call for participation	Fri 07-24-15	Done
Meeting	Tue 9-22-15	Done
Face-to-face meeting (Dublin)	Sun 10-18-15	Done
Meeting on character set	Tue 11-10-15	Done
Invitation to experts to ensure diversity	Fri 11-20-15	In progress
Meeting on character set	Tue 11-24-15	Done
Meeting on character set	Tue 12-08-15	Done
Meeting on panel-formation proposal	Tue 01-05-16	Done
Meeting on panel-formation proposal	Tue 01-26-16	Done
Meeting on panel-formation proposal	Tue 02-09-16	
Meeting on finalization of membership	Tue 02-23-16	
Proposal finalization	Fri 02-25-16	
Application to ICANN for formation of LGP	Fri 02-26-16	
Meeting	Tue 03-01-16	
Face-to-face meeting (Marrakech)	Sun 03-06-16	
Meeting on character set	Tue 03-22-16	

Meeting on character set	Tue 04-12-16	
Meeting on general principles for inclusion	Tue 04-26-16	
Meeting on general principles for exclusion	Tue 05-10-16	
Meeting on general principles for deferral	Tue 05-24-16	
Release of character set for public comment	Tue 06-07-16	
Meeting	Tue 06-21-16	
Face-to-face meeting (Panama)	Mon 06-27-16	
Meeting on finalization of character set	Tue 07-12-16	
Meeting: Discussion on variants	Tue 07-26-16	
Meeting: Are in-script variants needed?	Tue 08-09-16	
Meeting: Are cross-script variants needed?	Tue 08-30-16	
Meeting	Tue 09-13-16	
Meeting	Tue 09-27-16	
Meeting on finalization of variants	Tue 10-11-16	
Meeting: Release of variants for public comment	Tue 10-25-16	
Face-to-face meeting (Puerto Rico)	Sun 10-29-16	
Incorporation of comments from public and IG	Tue 11-29-16	
Finalization of variants	Tue 12-13-16	
Discussion of Whole Label Rules	Tue 01-10-17	
Documenting Whole Label Rules	Tue 01-24-17	
Meeting	Tue 02-07-17	
Meeting on finalization of Whole Label Rules	Tue 02-21-17	
Release of Whole Label Rules for public comment	Tue 03-07-17	
Face-to-face meeting (Europe)	Sun 03-12-17	

Incorporation of comments from public and IG	Tues 03-21-17	
Finalize document	Tues 04-04-17	
Meeting	Tues 04-18-17	
Finalize LGR XML structure	Tues 05-02-17	
Final edits	Tues 05-16-17	
Submission to ICANN	Tues 05-30-17	

4. References

Frakes, J., *et al.*, "Considerations in the use of the Latin script in variant internationalized top-level domains: Final report of the ICANN VIP Study Group for the Latin script". Los Angeles, Calif.: ICANN, October 2011).

<http://archive.icann.org/en/topics/new-gtlds/latin-vip-issues-report-07oct11-en.pdf>

Blanchet, M., *et al.* "Guidelines for Developing Script-Specific Label Generation Rules for Integration into the Root Zone LGR". Los Angeles, Calif.: ICANN, April 2015.

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