Automatic Validation Requirements

Filter for registering contacts concerning .es domains

19 July 2017

Contents

1. INTRODUCTION

The purpose of this document is to provide a description of the fields that feature in the domains and contacts associated thereto, in addition to establishing how they will be handled pursuant to the use of a range of validation algorithms.

In summary, the following structure is applied to each field:

- Field name

- Formal definition: Description of the field's name and applicable values

- Amendments or new developments in terms of its function (as applicable)

- Compliance rules, structures or standards that must be followed (banned characters, algorithms, etc.)

As a general requirement, the permitted characters shall comply with those provided for by ASCII. The list can be looked up shown in the following url: http://www.elcodigoascii.com.ar/

Additionally, the following characters will be permitted:

- ALT 210: "Ê" (Capital letter E with circumflex accent)

- ALT 211: "Ë" (Capital letter E with dieresis)

- ALT 212: "È" (Capital letter E with thick accent)

- ALT 214: "Í" (Capital letter I with acute accent)

- ALT 215: "Î" (Capital letter I with circumflex accent)

- ALT 216: "Ï" (Capital letter I with dieresis)

- ALT 198: "ã" (Lowercase letter a with Portuguese accent)

- ALT 199: "Ã" (Capital letter A with Portuguese accent)

Implementation and changes will affect to all Access interfaces, that is: Extranet, Extranet, EPP and SOAP.

2. INDIVIDUALS AND LEGAL ENTITIES

2.1. Owner type field

2.1.1. Definition

Identifies the type of owner, specifying whether it is an individual or legal entity (organisation, company, etc.).

2.1.2. New development

Changes "Owner type" to "Contact Type", as it applies to the creation of contacts including owners, PCA, PCT and PCF.

2.1.3. Compliance rules or permitted standards

In terms of WS/SOAP, the permitted codes must be indicated. Otherwise, an error message will be returned that makes it impossible to continue with the process.

2.2. Field Name

2.2.1. Definition

Indicates the field name associated with the contact. It is a free-text field. For "Individuals" the tag is "Name" and for "Legal Entities", "Organisation Name".

2.2.2. New development

Those specified under the "Compliance rules or permitted standards" heading.

2.2.3. Compliance rules or permitted standards

The name must comply with the following criteria for Individuals:

- Concerning length, it must be more than 1 character long
- It may be featured for any of the characters shown in this list (that is Alt+code number) according to ASCII code:
    - 39
    - Del 65 al 90
    - Del 96 al 122
    - 128-154
    - 160-167
    - 181-183
    - 224-237
    - 155, 157 y 158
- Numbers are not permitted
- It may not start with a space

The name must comply with the following criteria for Legal Entities:

- Concerning length, it must be more than 1 character long
- It can be feature by ASCII characters (list attached in the document) excepting: script, <script>,javascript:,script,>,<,<?php,<%=,<@,<%,%>

- It may not start with a space

2.3.   Legal Form

2.3.1.   Definition

Only applies to cases in which the "Legal Entity" option is chosen. This is a dropdown list with the legal form applicable to the organisation or company in question.

2.3.2.   New development

No changes will be made in this fields. Actual implementations remains.

2.3.3.   Compliance rules or permitted standards

Actual implementation. No changes.

2.4.   NIF/NIE Field

2.4.1.   Definition

Comprises two fields: one is dropdown and the other is a text field. Selecting the field will be indicated when the subject is located in Spain.

In the dropdown with the identification type associated with the contact, there are three separate cases for individuals: NIF, NIE and Others; and two for legal entities: NIF and Others. The text field features the information concerning the identification number. It is a free-text field.

2.4.2.   New development

The "NIF/NIE" text will be changed to "Identification (ID)". Standards will be defined to prevent incorrect or potentially suspicious identification details. For the NIF/NIE of individuals, the validation shall be carried out pursuant to Royal Decree 338/1990. For legal entities:

http://es.wikipedia.org/wiki/Formato_del_c%C3%B3digo_de_identificaci%C3%B3n_fiscal#Formato_del_c.C3.B3digo

When selecting Spain and legal entity, only the NIF may be inserted as the identifier.

If not Spain, identification number cannot be featured by the following characters or terms: script, <script>,javascript:,script,>,<,<?php,<%=,<@,<%,%>

2.4.3.   Compliance rules or permitted standards

Individual:

In terms of NIFs and NIEs, the format established in Royal Decree 338/1990, of 9 March must be followed. For Others, the following standards shall apply:

-    Length of at least 4 characters and at most 15 characters.

-    It may contain any of the special characters permitted (".", "-")

-    It may contain 3 or 4 consecutive consonants

-    It can only feature letters and/or numbers (no special characters)

Legal entity:

In terms of NIFs, the applicable format shall be followed (with validation of organisation type, province and control digits). For Others, the following standards shall apply:

-    Length of at least 4 characters and at most 15 characters.

-    It may contain any of the special characters permitted (".", "-")

-    It may contain 3 or 4 consecutive consonants

- It can only feature letters and/or numbers (no special characters)

The creation or use of contacts in registrations or transmissions of domains with the following NIFs shall be prohibited:
00000000T, 00000001R, 99999999R. Furthermore, the filter must prevent contacts with the following NIE: X0000000T.

2.5. Country

2.5.1. Definition

Country in which the contact's address is located. Currently, it is a list of countries in alphabetical order.

2.5.2. New development

It remains a dropdown list, updated periodically pursuant to ISO 3166-1. If the country selected is not Spain, the Province field will not be enabled, but the Town/City field will for the purposes of notification, as required. Consider a translation into English if this language is selected.

2.5.3. Compliance rules or permitted standards

One of the options available in the list shall be selected for Extranet or codes specified in terms of WSes and SOAPs. When introducing any code that is not permitted, an error message will be returned that makes it impossible to continue with the process.

2.6. Post Code

2.6.1. Definition

Post code corresponding to the contact's address. This text field accepts numerical values between 1000 and 52999. If the country selected is Spain, once filled in, the Province details will be auto-propagated.

If the country selected is not Spain a text field will be placed, in which any ASCII character will be admitted, excepting the following terms: script, <script>,javascript:,script,>,<,<?php,<%=,<@,<%,%>.

2.6.2. New development

For Spain, having filled in this field, the Province and Town/City fields must be completed. If the Province and Town/City fields are filled in, the corresponding post code should also be calculated.

2.6.3. Compliance rules or permitted standards

Numerical value between 1000 and 52999.

Text field with a maximum of 15 characters for not Spain countries.

2.7. Province

2.7.1. Definition

Corresponds to the Province associated with the contact's address. This is a free-text field that is auto-propagated when Spain is selected, based on the post code introduced.

2.7.2. New development

The measures indicated in the Compliance rules or permitted standards section shall apply.

2.7.3. Compliance rules or permitted standards

- Characters of ASCII list, with the exception of this terms: script, <script>,javascript:,script,>,<,<?php,<%=,<@,<%,%>

- The field length must be no shorter than 1 characters.

- It may not start with a space

2.8. Town/City

2.8.1. Definition

Corresponds to the Town/City associated with the contact's address. This is a free-text field that is auto-propagated when Spain is selected, based on the post code introduced.

2.8.2. New development

When any other country apart from Spain is selected, this field will be disabled.

2.8.3. Compliance rules or permitted standards

- Characters of ASCII list, with the exception of this terms: script, <script>,javascript:,script,>,<,<?php,<%=,<@,<%,%>

- The field length must be no shorter than 1 characters.

- It may not start with a space

2.9. Address

2.9.1. Definition

Corresponds to the contact's address. This is a free-text field.

2.9.2. New development

Those specified under the "Compliance rules or permitted standards" heading.

2.9.3. Compliance rules or permitted standards

- Characters of ASCII list, with the exception of this terms: script, <script>,javascript:,script,>,<,<?php,<%=,<@,<%,%>

- The field length must be no shorter than 2 characters.

- It may not start with a space

2.10. E-mail

2.10.1. Definition

Corresponds to the contact's email address. This is a free-text field.

2.10.2. New development

Those specified under the "Compliance rules or permitted standards" heading. The domain name code must be validated against those accepted in terms of the Spanish Internet Corporation for Assigned Names and Numbers (http://www.iana.org/domains/root/db).

2.10.3. Compliance rules or permitted standards

- It must contain the "@" character

-   It must end with a valid TLD

-   It must contain at least one character before the "@"

-   It must not contain spaces

2.11. Telephone

2.11.1.   Definition

Corresponds to the contact's telephone number. This is a free-text field. Currently, the validation ensures that the number contains 2 country digits and 9 further digits. For example, the following should be inserted after the text field (+3491xxxxxxx)

2.11.2.   New development

Adapts the validations to fulfil the criteria set out in ITU-T E.123.

2.11.3.   Compliance rules or permitted standards

-   Does not accept non-numerical characters

-   Format complies with ITU-T E.123 specifications.

    o   Must start with "+"

    o   Must be followed by the country code

    o   After the country code, the telephone number must be introduced complying with the maximum length permitted under ITU-T E.123.