

The creation of a hybrid, hierarchical and friendly system for representing legends at
monedaiberica.org

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Gallaeci

Lusitanians

Celtiberians

Iberians

Turdetanians

Astures

Cantabri

Vascones

Vaccaei

Lusones

Suessetani

Ilergetes

Ausetani

Indigetes

Greeks

Arevaci

Belli

Sedetani

Cosetani

Laietani

Vettones

Carpetani

Ilercavones

Edetani

Punics

Oretani

Contestani

Celtici

Turduli

Bastetani

Punics

Remarkable variety of cultures

Ethnic variety > 6 writing systems



GREEK ΕΜΠΟΡΙΤΩΝ



Almost all legends: ethnonym

LATIN



Ilipa

Ostur

Carmo

Acinipo



PUNIC

Gadir



𐤅𐤊𐤁𐤅



𐤅𐤋𐤅



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NEOPUNIC

Abdera



0111-

-1110

19990

17770

'bdrt

Aberrant neo-Punic script
LIBYO-PHOENICIAN



Iptuci

Punic uncertain



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107 \ X 1

IBERIAN

Arsaos



ΔΡΑΔΗΡ

ΔΡΑΔΗΡ

ΔΡΑΔΗΡ

ΔΡΑΔΗΡ

ARSAOS

IBERIAN

Iberian drachmae



ΕΠΡΩΟΗ



ΕΜΤΡΠΡ

Three options:

1 Implementation of Unicode fonts



- Easy for server
- Easy for client



- **Hard to maintain**
- Glyphs and latin characters don't match
- Confusing system with several fonts
- No sharing option
- No searching option
- Glyphs lack extra info (Impossible know more things about glyph)



- Uncertain phonetic values >
- Uncertain sets of shapes
- Hard UNICODE updates

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Ð = A

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D = A

But the A letter is used!

Possibilities:

Opt -A

a

Opt + shift - A

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▷▷▷▷▷ = A
▷▷▷▷▷ = A

But the A letter is used!

Possibilities:

???????

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Λ = tu

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△△△△△ = tu

Three options:

1 Implementation of Unicode fonts



- Easy for server
- Easy for client

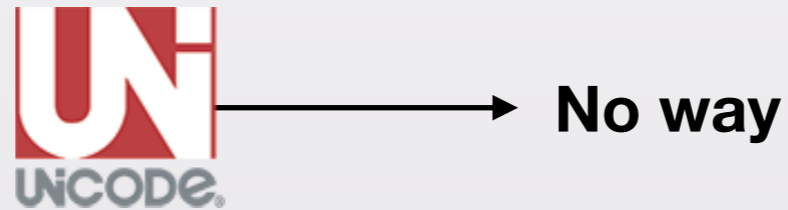


- Hard to maintain
- Glyphs and latin characters don't match
- Confusing system with several fonts
- No sharing option
- No searching option
- Glyphs lack extra info (Impossible know more things about glyph)

→ **No way**

Three options:

1 Implementation of Unicode fonts



2 Implementation of table with glyphs



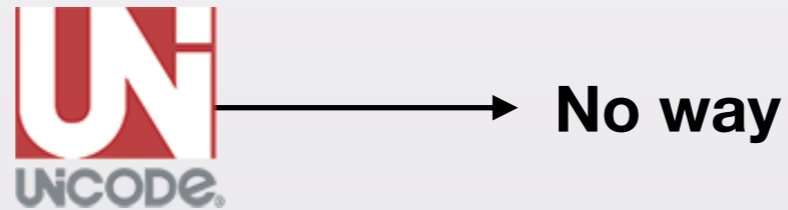
- Easy for server
- Easy for client
- Viable to maintain
- Sharing option
- Coherence between glyphs and latin characters
- Possible to know more things about glyph



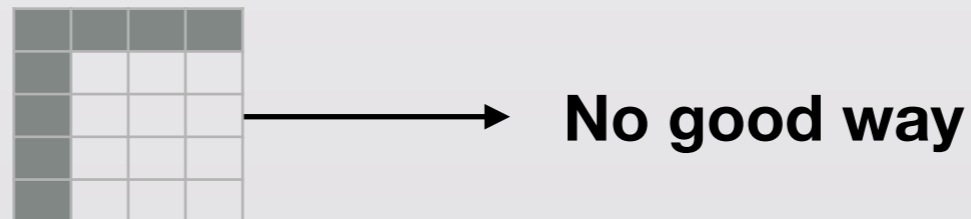
- **Poor search** options
- Dependencies and groups are complicated to build

Three options:

1 Implementation of Unicode fonts



2 Implementation of table with glyphs



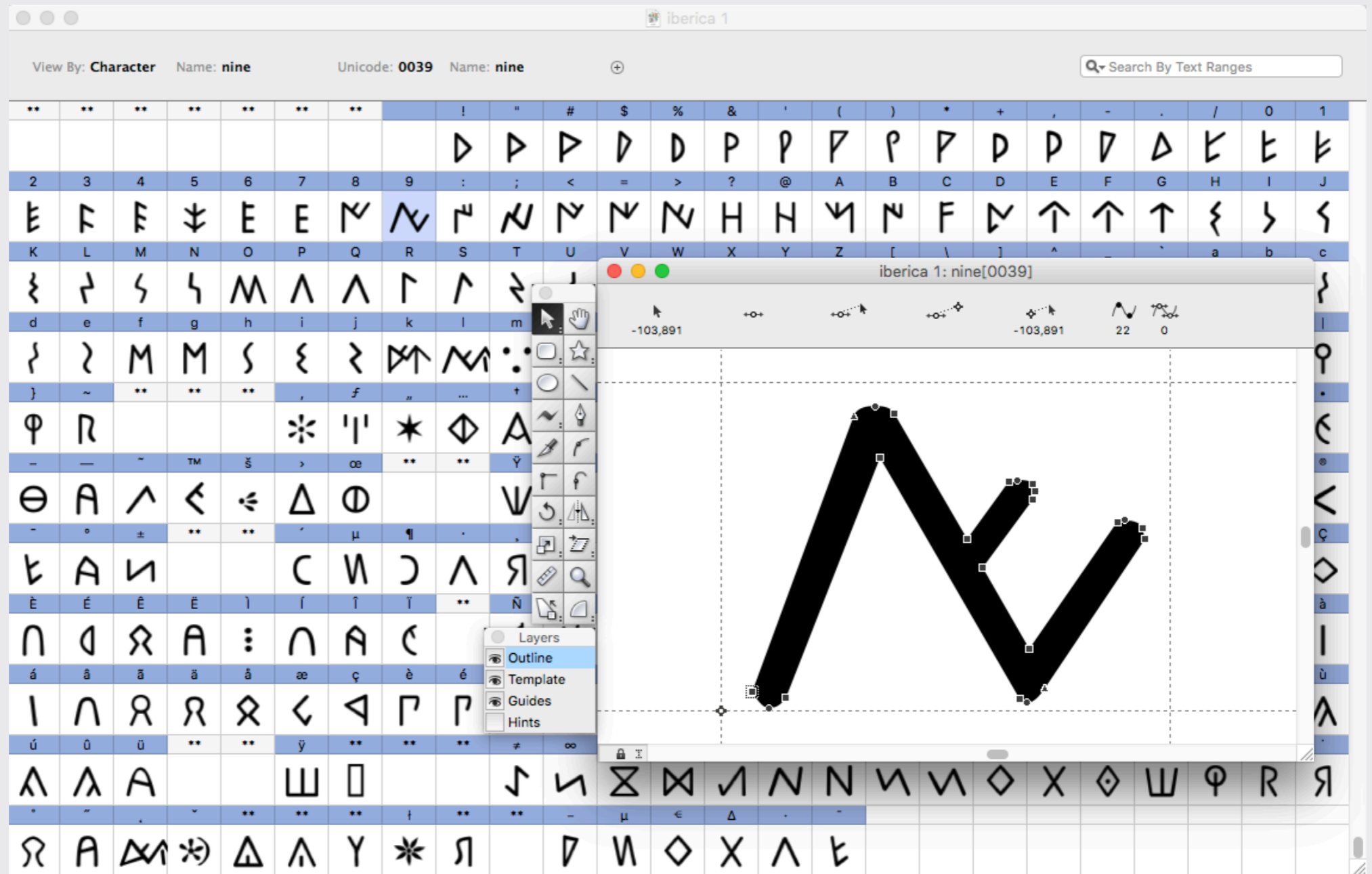
3 Implementation of thesaurus with glyphs



Building process: Drawing glyphs

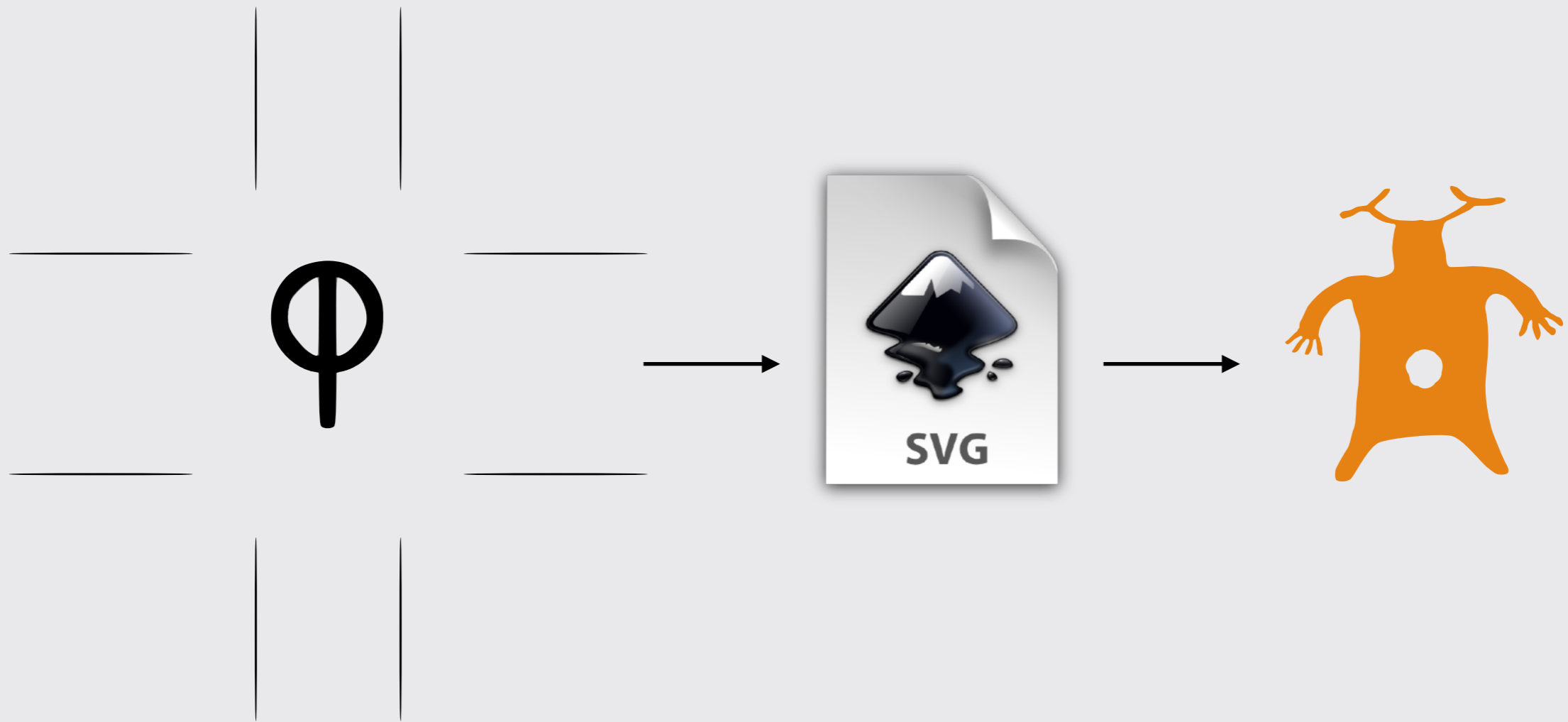


Iberica1.ttf
Iberica2.ttf
Iberica4.ttf
Iberica5.ttf
Ibericaimit1.ttf
Meridional1.ttf
Punica1.ttf
Punica2.ttf
Punica3.ttf
Punica4.ttf
Fuente200.ttf



Building process: Exporting all glyphs to individual SVG file and import to Dédalo

r spherical with extended peduncle



Key } of iberica5.ttf → braceright_iberica5.svg → {"section_tipo":"scxibo1",
"section_id":323}

Building process:








Creation of the hierarchies
and build of epigraphic thesaurus



`{"section_tipo": "scxibo1",
"section_id": 881}`

The screenshot shows a web application interface for an epigraphic thesaurus. The browser address bar displays `mib.numisdata.org/dedalo/lib/dedalo/main`. The navigation menu includes `Catalogue`, `Resources`, `Processes`, `Thesaurus`, `System administration`, `English`, and `Data: English`. The main content area is titled `EPIGRAPHY` and shows a hierarchical tree structure. The tree includes categories like `GREEK` [hierarchy1_253], `PUNIC` [hierarchy1_254], and `WESTERN IBERIAN` [hierarchy1_255]. Under `WESTERN IBERIAN`, there is a sub-category `Western Iberian` [scxibo1_1] which contains `Vocales` [scxibo1_2], `Consonantes` [scxibo1_3], `Silabas` [scxibo1_4], and `Greco-iberico` [scxibo1_5]. Under `Greco-iberico`, there are sub-categories like `E griega simplificada` [scxibo1_755], `M` [scxibo1_765], `N` [scxibo1_767], `Omega` [scxibo1_774], `omega con trazo interior` [scxibo1_787], `PI` [scxibo1_813], `T` [scxibo1_835], `V` [scxibo1_847], `Signos raros imitacion` [scxibo1_6], and `Nexos ibericos` [scxibo1_7]. Under `Nexos ibericos`, there is a sub-category `aiu` [scxibo1_879] which contains several entries, including `aiu` [scxibo1_881] with a drawing of the character.

Total glyphs inside Dédalo

Epigraphy	Greek	Punic & neo-Punic	Iberian	Southern Iberian	Sudlusitan	Latin	Symbols	Counter marks
Terms	40	761	922	260	29	59	112	366
Glyphs	29	681	779	206	21	43	102	316
Dédalo tipo	scell	scxpu	scxibo	scxibm	sctxr	sclat	scsym	sccmk
Sample	AT							

	Terms	Glyphs
Total	2.549	2.177

Demo



<https://numisdata.org/valencia>





<https://github.com/renderpci/dedalo>

Thanks!

