

Padrões Digitais

Abertos? Livres? ou não

Boteco 4Linux

São Paulo - julho de 2007

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www.cic.unb.br/docentes/pedro/sd.php

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O que é, o que é?



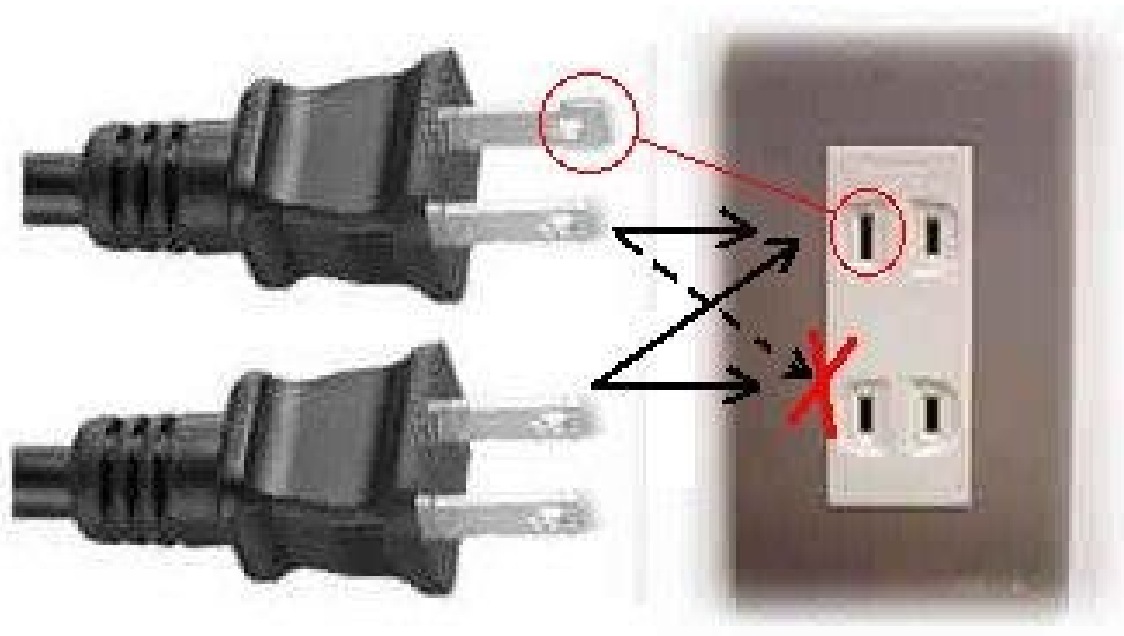
O que é, o que é?



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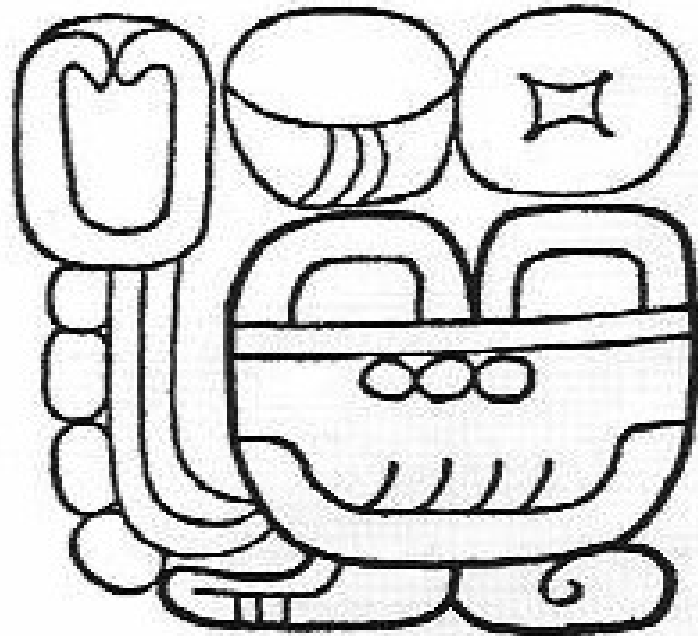


Padrões ...

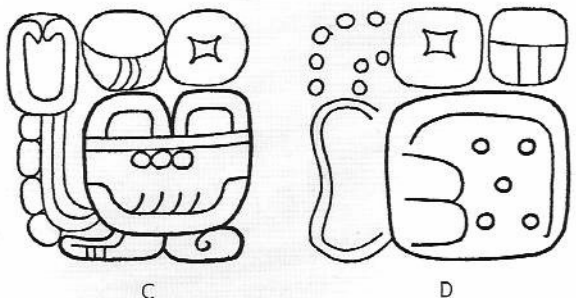
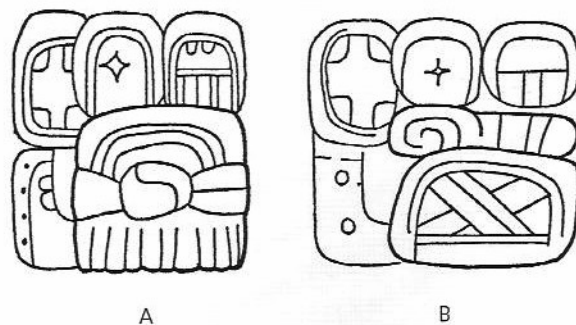
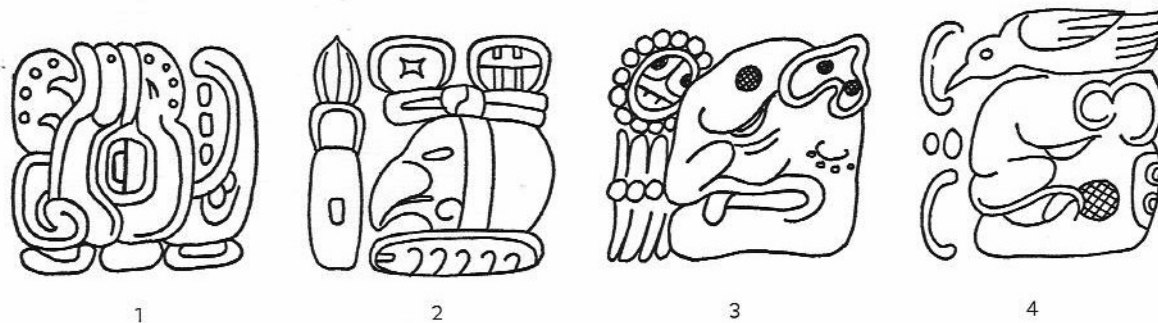


<http://www.heise.de/open/artikel/92735>

Código, Representação, Especificação



Código, Representação, Especificação



Glifos maias históricos

A fiada superior mostra signos históricos maias utilizados para designar:

1. A data do nascimento
2. A subida ao trono
3. O emblema de uma personagem chamada «Escudo-Jaguar»
4. O emblema de uma personagem chamada «Pássaro-Jaguar»
5. O prefixo dos nomes e títulos de mulheres

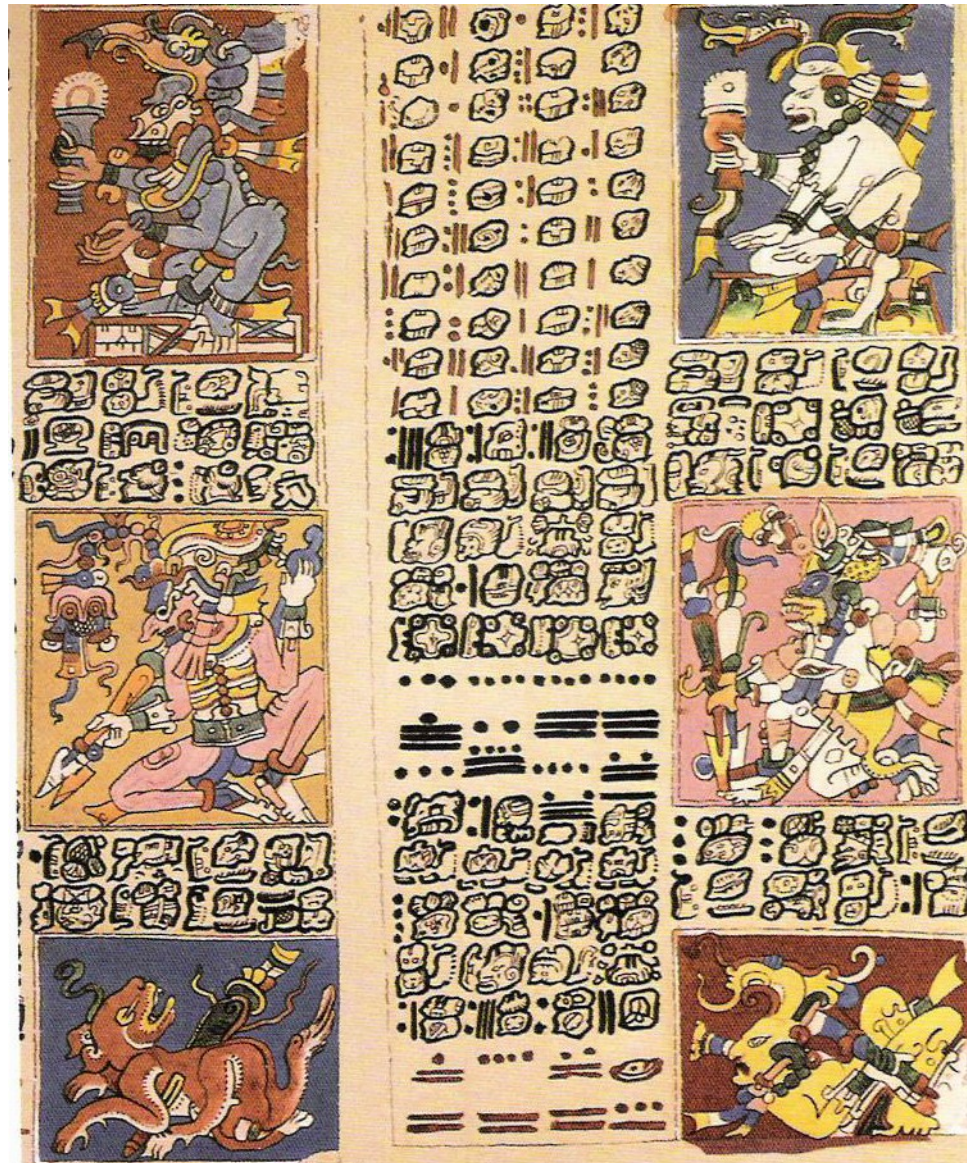
(segundo M. Coe)

Emblemas-glifos designativos de cidades

As duas colunas de glifos à esquerda representam os nomes das mais importantes cidades maias:

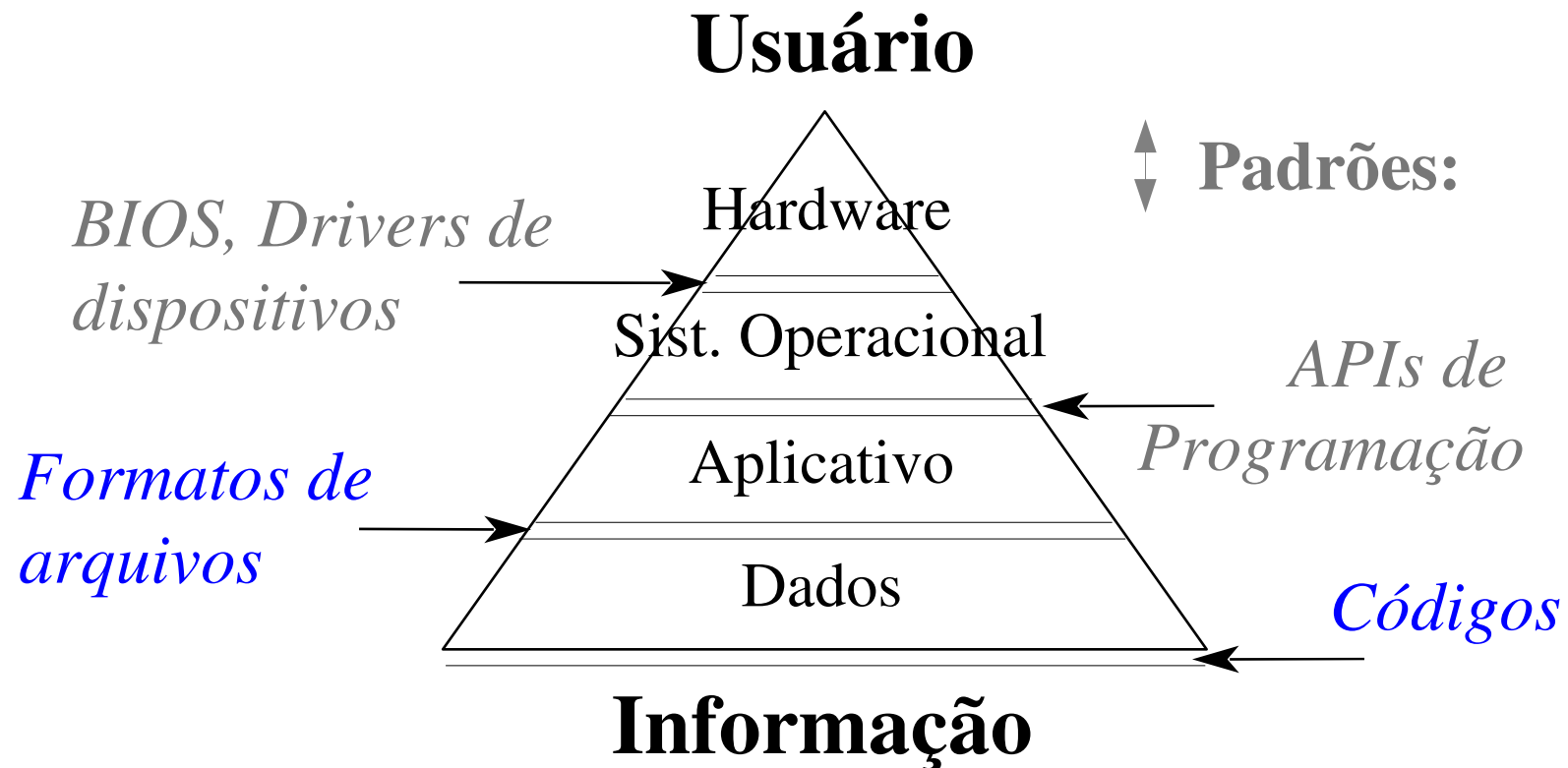
- A. Tikal
- B. Naranjo
- C. Yaxchilán
- D. Piedras Negras

Código, Representação, Especificação



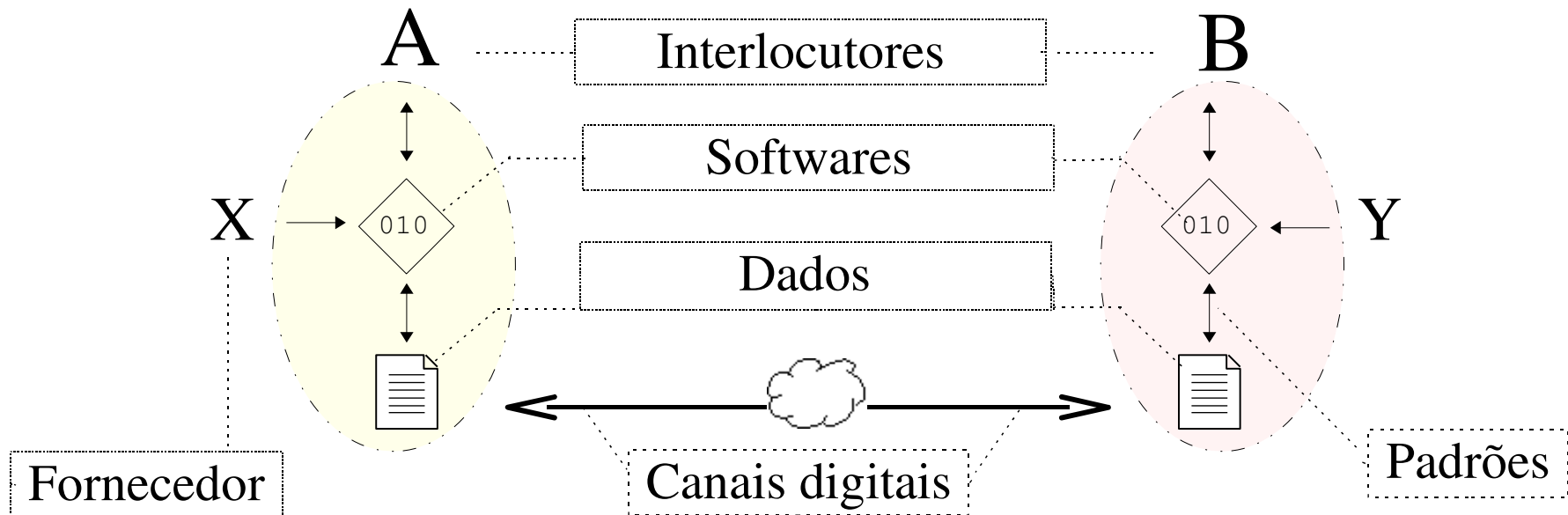
Comunicação Digital

Intermediação tecno/semiológica



Modos de Comunicação digital

Relativo às formas de intermediação



Padrões **fechados** : Fornecedores X, Y precisam se vincular
(X, Y relacionados negocialmente – **"Patent bridges"**, **DRM**, etc)

Padrões **abertos** : Fornecedores X, Y podem competir / cooperar
(X, Y relacionados semiologicamente – formatos desimpedidos)

Padrão “open XML”

```
<office-document>  
  <one/>  
  <one/>  
  <zero/>  
  <one/>  
  <zero/>  
  <zero/>  
</office-document>
```

Padrão MS office “open XML”

wheel (Wheel Slide Transition): This element describes a wheel slide transition effect.

[Example: Consider we have a slide with a wheel slide transition. The <wheel> element should be used as follows:

```
<p:transition>  
  <p:wheel/>  
</p:transition>
```

End example]

MS “Open” Office XML (OOXML)

Function Name	Description
autoSpaceLikeWord95	Emulate Word 95 Full Width Character Spacing páginas 1378-1379
footnoteLayoutLikeWW8	Emulate Word 6.x/95/97 Footnote Placement páginas 1416-1417
mwSmallCaps	Emulate Word 5.x for Macintosh Small Caps Formatting páginas 1427-1429
shapeLayoutLikeWW8	Emulate Word 97 Text Wrapping Around Floating Objects páginas 1442-1443
useWord2002TableStyleRules	Emulate Word 2002 Table Style Rules páginas 1481-1482
useWord97LineBreakRules	Emulate Word 97 East Asian Line Breaking páginas 1482-1483
wpJustification	Emulate WordPerfect 6.x Paragraph Justification páginas 1483-1485
...	...

<http://www.geniisoft.com/showcase.nsf/archive/20061027-0829>

Restrições técnicas e legais do OOXML

[*Guidance*: To faithfully replicate this behavior, applications must imitate the behavior of that application [Word, etc.], which involves many possible behaviors and **can not be faithfully placed** into narrative for this Office Open XML standard. If applications wish to replicate this behavior, they must utilize and replicate the output of those applications. It is recommended that applications do not intentionally replicate this behavior, as it was deprecated due to issues with its output, and is maintained only for compatibility with existing documents from that application. *end guidance*]

<http://www.geniisoft.com/showcase.nsf/archive/20061027-0829>

OOXML e MS Office

MS Tech Summit 2007, Day 1

“When Yusseri raised the issue of OOXML and why didn't Microsoft just work on ODF in collaboration instead of creating a new, bloated standard. Bill [Hilf]'s answer was quite surprising, as he clarified that the file format (OOXML) was a part of the software and that OOXML and the software (MS Office) are quite inseparable.”

http://www.openmalaysiablog.com/z_posts_by_dinesh/

O que é OOXML?

“Quando a MS introduziu isso como uma especificação completa de seu formato XML, fizeram uma boa coisa. Mas essa boa coisa não cancela a má ideia de declarar isso um “padrão aberto”. Não é, e não importa quantas vezes se defenda o suporte a documentos legados, isso não muda o fato [que não é aberto]. Eu também defendo que a MS dê suporte a documentos legados. e a especificação completa desse suporte, mas não como um padrão público. A MS tem insistido em afirmar que nada menos do que uma “implementação completa” será considerado aderência ao padrão. Não que eles tenham o direito de dizer isso sobre um padrão aberto, mas o dizem mesmo assim.”

Ben Langhinrichs (tradução pelo autor),

<http://www.geniisoft.com/showcase.nsf/archive/20061027-0829>

Padrões ISO

ISO define padrão como...

*...document, established by **consensus** and approved by a recognized body, that provides, for common and repeated use, rules, guidelines or characteristics for activities or their results, aimed at the achievement of the optimum degree of **order** in a given context*

ISO JTC-1 “Fast Track”

Diretiva JTC-1 Ed. 5, V. 2.0, Sessão 13.4:

During the 30-day review period, an NB [national standardizing body] may identify to the JTC 1 Secretariat any perceived contradiction with other JTC 1, ISO or IEC standards. If such a contradiction is alleged, the matter shall be resolved by the ITTF and JTC 1 Secretariat in accordance with Section 13.2 before ballot voting can commence. If no contradiction is alleged, the fast-track ballot voting commences immediately following the 30-day period.

ISO JTC-1

Resolução 27, de 2000

"Consistency of JTC 1 Products":

*JTC 1 stresses the strong need for consistency of its products (ISs and TRs) irrespective of the route through which they were developed. Any inconsistency will confuse users of JTC 1 standards and, hence, jeopardize JTC 1's **reputation**. Therefore, referring to clauses 13.2 (Fast Track) and 18.4.3.2 (PAS) of its Directives, JTC 1 reminds ITTF of its obligation to ascertain that a proposed DIS contains no evident contradiction with other ISO/IEC standards.*

OOXML no JTC-1:

Para discutir o voto do Brasil (ABNT) ...

ABNT GT2

“You make the following representations and warranties....You represent and warrant that:

** ...You have and control all of the intellectual property, proprietary and similar rights necessary for all material you post, upload, or otherwise submit to the Site. You agree that you will defend and indemnify Microsoft and its suppliers from any third party claim related to a breach of any of the foregoing warranties...”*

Rumo a SaS:

Vista EULA + “open standards” (OSI, ECMA) +
“IP Bridges” (Novell, Xandros...) + CBDPTA + ...

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www.builderbeg.org

O teatro das guerras virtuais

Liberdade do conhecimento
vs Liberdade do capital

