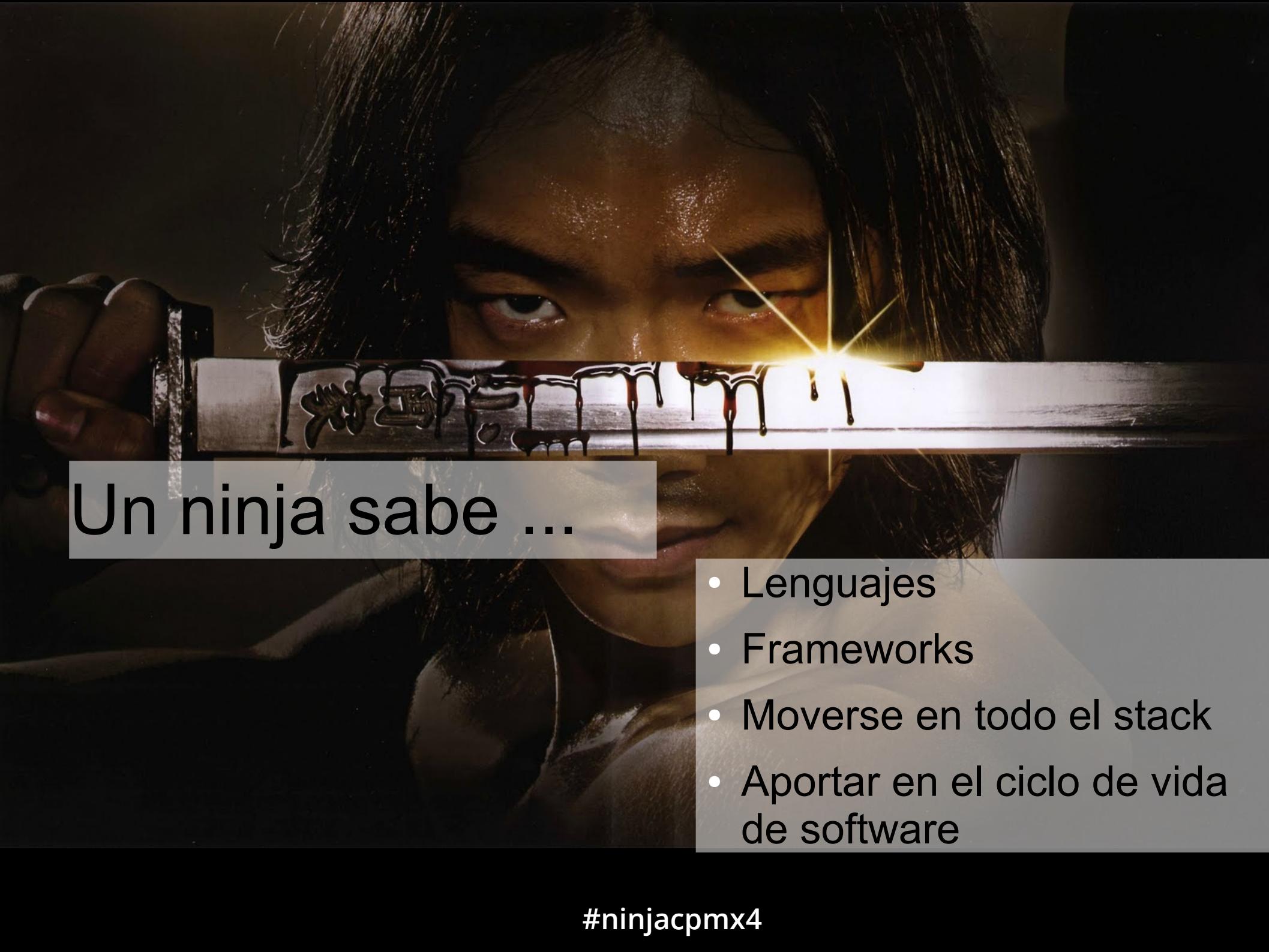


Afilando la Katana: Qué debe saber un Ninja Programador (en 2013)

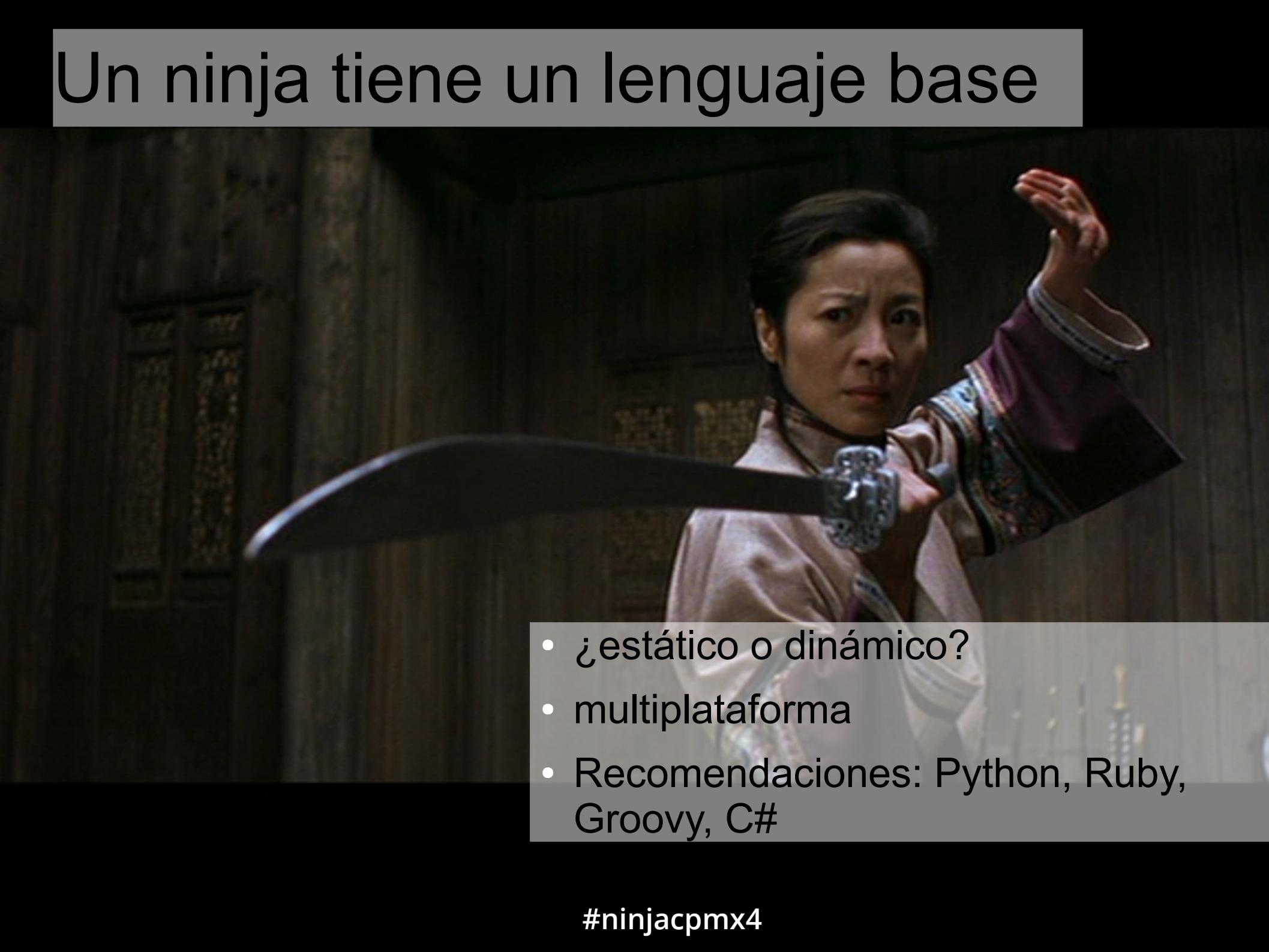
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Campus Party Mx 2013
#ninjaCPmx4



Un ninja sabe ...

- Lenguajes
- Frameworks
- Moverse en todo el stack
- Aportar en el ciclo de vida de software

Un ninja tiene un lenguaje base

- 
- A woman in traditional Japanese clothing, including a purple patterned obi and a light-colored kimono, is shown from the waist up. She is holding a long, curved sword (tachi) with both hands, the hilt pointing downwards. Her left arm is raised, with her hand open as if she is about to strike or has just finished a move. She has short dark hair and a determined expression. The background is dark and out of focus, suggesting an indoor setting like a temple or a traditional room.
- ¿estático o dinámico?
 - multiplataforma
 - Recomendaciones: Python, Ruby, Groovy, C#



Un ninja también usa
lenguajes compilados
de tipado estático

- C++

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Un ninja sabe programación funcional



- Clojure
- Haskell

Un ninja usa distintos lenguajes para dominios específicos



- Objective-C (iOS)
- Php (Web)
- Javascript
- Lua (juegos)
- R (análisis de datos)

A ninja in traditional black attire, including a headband with a symbol and a long black robe, stands in the foreground holding a sword horizontally. Behind him, several other ninjas in similar attire are visible, some holding red flags. The background is a misty, outdoor setting.

Un ninja entiende y aprovecha frameworks

- Entender patrones arquitectónicos (MVC, MVP, MVVM)
- Entender Convention <-> Configuration
- Microframeworks (ej. Sinatra)

Un ninja es un full stack developer



- Front end
- Middleware
- Data management
- Integración
- Infraestructura

outnow.c

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Un ninja hace vibrar al front end

- HTML5/CSS
- Manipulación de DOM (JQuery)
- OpenGL
- Otros específicos a plataforma (Cocoa, WPF, etc)



Un ninja no le
teme al
middleware

- Programación asíncrona (node.js)
- Message oriented



Un ninja sabe manejar datos

- BD relacionales
- NoSQL (mongoDB, Redis)
- NewSQL
- Big data (MapReduce)

A woman in a white kimono holds a sword, her hair flowing behind her. She is positioned on the right side of the slide, with a large white rectangular box containing text on the left.

Un ninja sabe integrar sistemas

- Entiende protocolos de comunicación (HTTP)
- Usa y diseña APIs (REST)

Un ninja sabe de infraestructura

A close-up photograph of a woman with dark hair pulled back, wearing traditional Indian clothing. She has a red bindi on her forehead and is wearing gold jewelry, including a necklace and earrings. She is holding a large, ornate golden object, possibly a ceremonial item or a piece of art, in front of her face. The background is dark and out of focus.

- Linux y bash
- PaaS (App Engine, Azure, AWS, Heroku)
- Gestión de cómputo elástico

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Un ninja no se limita a programar funcionalidad



- Diseño lógico (arq., modelado, patrones)
- Testing (unitario y stress)
- Software configuration management (control de versiones distribuido, build automation, continuous integration)

Un ninja detecta tendencias

- Interfaces humanas (reconocimiento de voz y gestos, natural language processing)
- Datos (big data, machine learning, visualización)

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Si te falta
mucho ...

- No te preocupes ...
mejor ocúpate



Gracias

Lee SG
<http://sg.com.mx>

Participa en
<http://applatina.com.mx>

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