



Python ^{Live de}

#129 - Python no frontend?



picpay.me/dunossauro | apoia.se/livedepython

PicPay

APOIA.se



picpay.me/dunossauro | apoia.se/livedepython

```
dunossauro at babbage in ~/git/apoiase on master*
$ python apoiadores.py
ADRIANO FERRARI      ALBERTO TAVARES      Alex Lima             Alexandre Possebom    Alexandre Santos
Alexandre Sá         Alexandre Tsuno       Alexandre Villares    Alynne Ferreira       Alysson Oliveira
Amaziles Carvalho    And Past              Andre Machado         Andre Rodrigues       Athayr Athayr
Bernardo Fontes      Bruno Barros          Bruno Oliveira        Bruno Gaffuri          Bruno Guizi
Bruno Luna           Bruno Lira            Bruno Rocha           CARLOS SANTOS         Caio Nascimento
Carlos Cardoso       Carlos Augusto        Carol Souza           Cleber Santos         Cleiton Mittmann
Cleiton Lima         DYLAN MAKER          Davi Ramos            David Reis             David Silva
Davinir Junior       Dayham Soares        Diego Guimarães       Diego Ubirajara        Dilenon Delfino
Douglas Bastos      EDUARDO PAZZI        Edimar Fardim         Eduardo Guadanhim      Eduardo Nunes
Eliabe Silva         Eliakim Morais        Elias Soares          Elias Soares          Eliel Lima
Emerson Lara         Emerson Lara          Eugenio Mazzini        Eugenio Mazzini       Fabiano Silos
Fabiano Teichmann    Fabiano Gomes         Fabrício Coelho       Fausto Caldeira        Fernando Furtado
Filipe Cruz          FlavKaze FlavKaze     Franklin Silva        Fábio Serrão           Gabriel Simonetto
Gabriela Santiago    Geandreson Costa     Gladson Menezes       Gleison Oliveira      Guilherme Ramos
Helter Silva         Hemilio Lauro         Humberto Rocha        Hélio Neto            Hélio Neto
Isaac Ferreira       JONATHAN DOMINGOS    Jean Vetorello        Johnny Tardin          Jonatas Oliveira
Jonatas Simões       Jonatas Oliveira     Jorge Plautz          José Prado             Jovan Costa
João Lúgão           João Coelho           Juan Gutierrez        Jucélio Silva          Júlia Kastrup
Kauan Alves          LEONARDO CRUZ        Leon Teixeira         Leonardo Rezende       Letícia Silva
Lucas Mendes         Lucas Nascimento     Lucas Neris           Lucas Valino           Lucas Polo
Magno Malkut         Maiquel Leonel        Marcello Benigno      Marcus Salgues         Maria Boladona
Maria Clara          Mateus Braga          Matheus Francisco     Melisa Campagnaro     Nilo Pereira
Nídio Dolfini        Octavio Sydow         Pablo Henrique        Patrick Corrêa         Patrick Gomes
Paulo Tadei          Pedro Alves           Rafael Galleani       Rafael Dias            Regis Santos
Renan Gomes          Renan Moura           Renato Santos         Rennan Almeida         Renne Rocha
Rhenan Bartels       Ricardo Schalch       Richard Nixon         Rodrigo Ferreira        Rodrigo Vaccari
Régis Tomkiel        Sérgio Passos         Thais Viana           Thiago Araujo          Tiago Cordeiro
Tyronne Damasceno    Valdir Junior         Valdir Silveira       Vergil Valverde        Vicente Marcal
Victor Geraldo       Vinícius Ferreira     Vitor Dutra           Vítor Zanoni           Wander Silva
Wellington Carlos    Wellington Camargo    Welton Souza          William Oliveira       William Oliveira
Willian Lopes        Willian Lopes         Willian Rosa          Yros Aguiar            Falta você
```



Roteiro

- Python no front?
- O DOM
- Brython
 - Olar mundu
 - **Deploy**
 - Um todo list
 - Entendendo como funciona



Alternativas

Works how?

Python compiled
to JavaScript



Transcript

BRYTHON

SKULPT

Python runtime
in browser



Batavia

PyPy.js

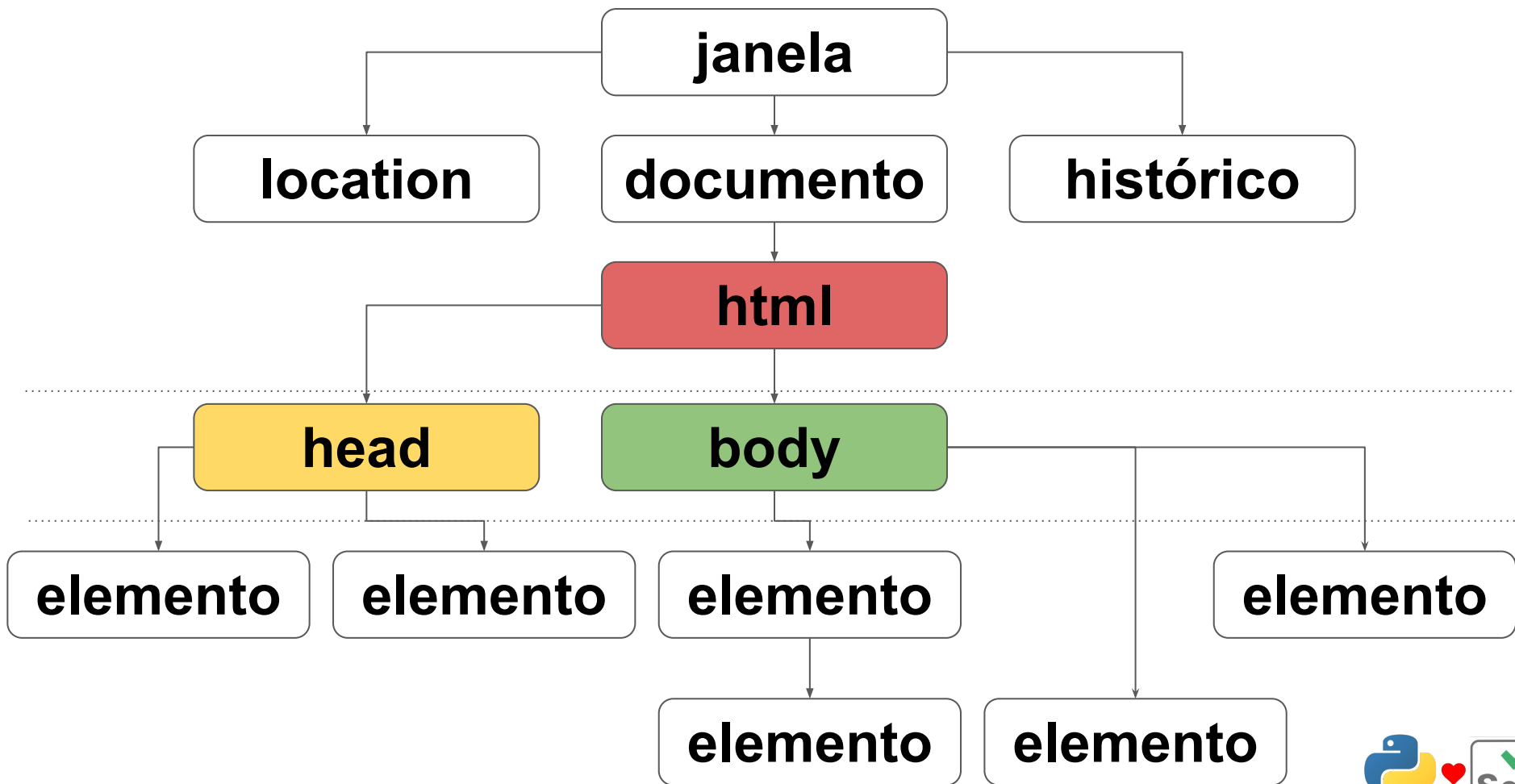
Pyodide 

Ahead-of-time

On page load

After page load

Compiled when?



Referências

Geral

- <https://www.youtube.com/watch?v=2XSeNQyPITY>
- <https://stromberg.dnsalias.org/~strombrg/pybrowser/python-browser.html>
- <https://github.com/bunkahle/Transcrypt-Examples>
- <https://yasoob.me/2019/05/22/running-python-in-the-browser/#making-a-choice>
- <https://developer.mozilla.org/pt-BR/docs/Web/Guide>

Brython

- brython.info