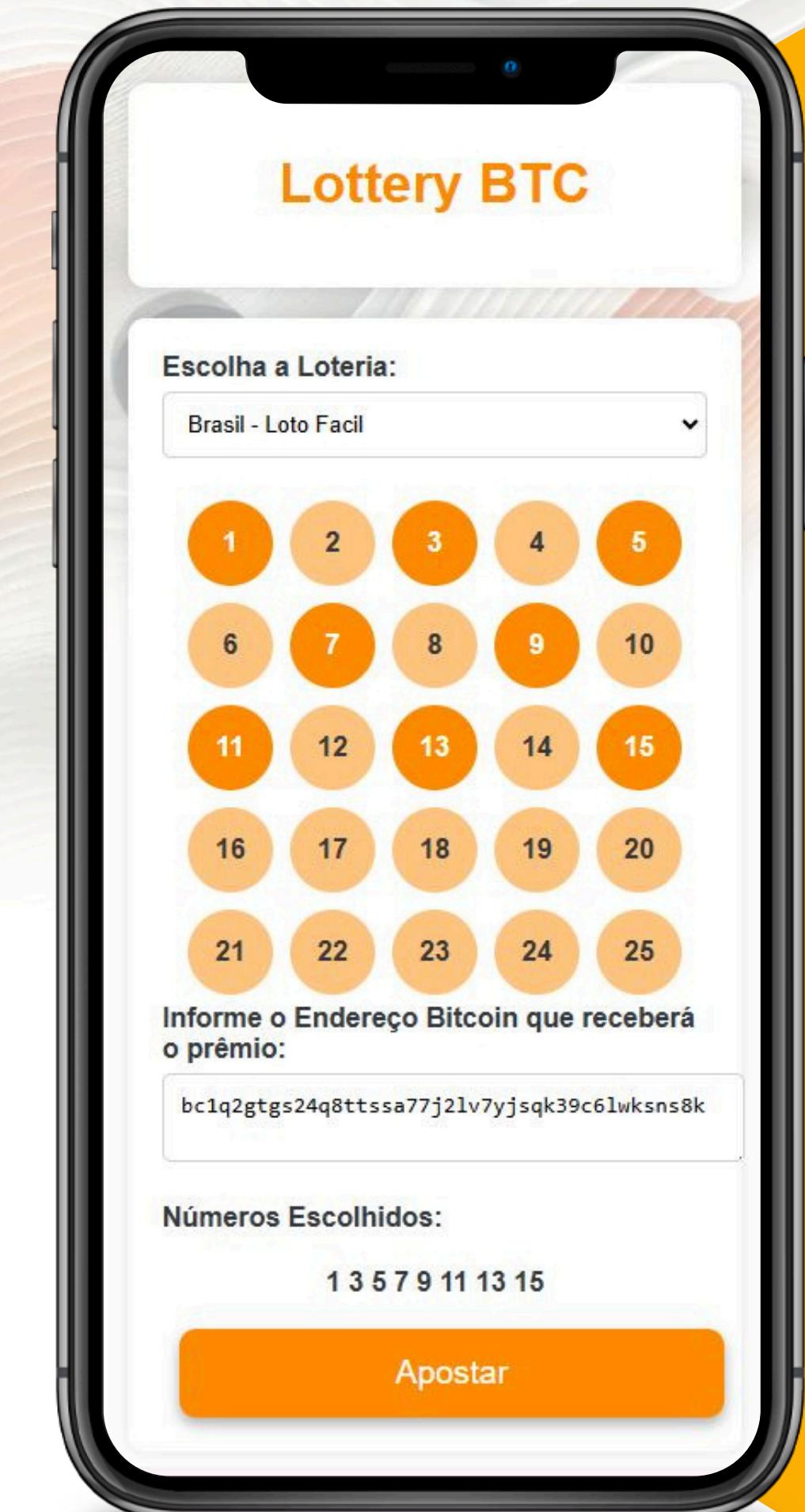


Be your own lottery

Lottery BTC

Decentralized and distributed financial solution for fundraising,
winner identification and automatic prize payout



In this Presentation

Here's what we'll cover:

Platform Decentralized betting using Bitcoin

Automated capture of official lottery results

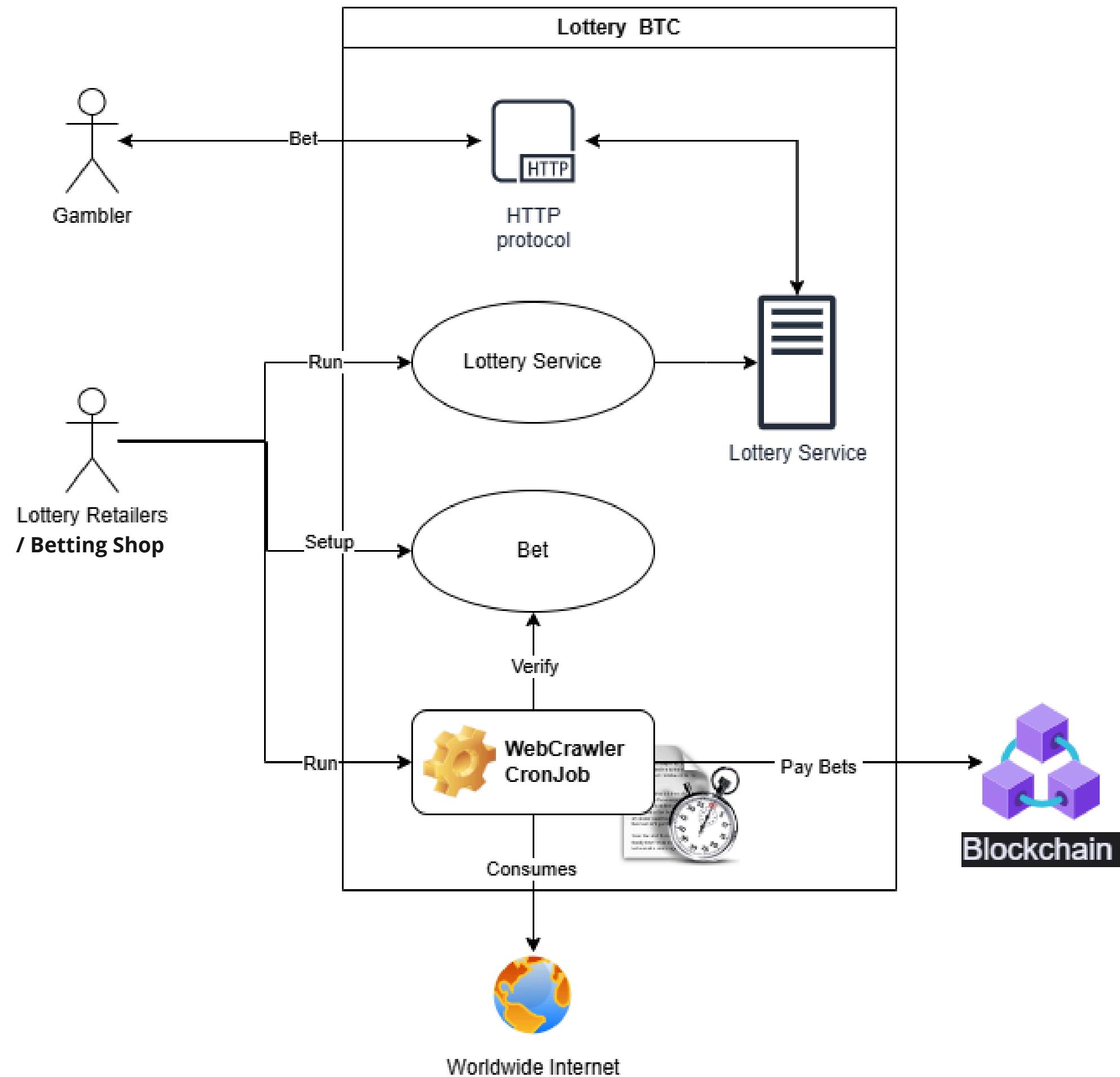
Automated payments in BTC

Secure and anonymous betting



Technology Delivers!

- Prohibition and Excessive Government Regulation.
- Fragile Anonymity
- Lottery Fraud
- Difficulty in Claiming award.



Proposed solution

- Lottery Retailers are committed to running LotteryBTC.
- LotteryBTC provides an online betting service.
- LotteryBTC schedules the periodic execution of WebCrawler.
- WebCrawler periodically visits the configured Bet's pages.
- WebCrawler pays out winnings to Retailers if it identifies a winning bet.

**Betting shop
or
Lottery Retailers**



Lottery BTC				
NOME DA LOTERIA	URL DOS RESULTADOS	SELETOR DO CONCURSO	SELETOR DOS NÚMEROS SORTEADOS	AÇÕES
Brasil - Mega Sena	http://www.megasena.com.br/resultados	.concurso-id	.numeros-sorteados	
Brasil - Loto Facil	http://www.lotofacil.com.br/resultados	#concurso-lotofacil	.lotofacil-numeros	
United States - Power Ball	http://www.powerball.com/results	.pb-concurso-id	.pb-numeros-sorteados	
China - WelFare Lottery	http://www.cwl.gov.cn/results	.cwl-concurso-id	.cwl-numeros-sorteados	
Bob Lottery	http://localhost:8080/static/example.html	#identity	#elements	
Obituario AAFIT	https://site.aafit.org.br/obituario/	.year-header:first-of-type	#table-2024 tr:nth-of-type(2) td:first-of-type	

[Criar Novo](#)

FLEXIBLE SETUP BETTING

Easily collect draw results from virtually any available webpage on the internet.

Simply provide the desired URL and the CSS selectors to identify both the event (or contest) and the drawn elements (like lottery numbers, for example).

You can set up bets for lotteries such as Mega-Sena, Powerball, or any other.

Why not go further and register predictions for specific sections of sites like CNN's or Fox News's homepage? If it's online, you can turn any event into a draw!

How does the Registration Work?

Any content from a web page can be referenced using CSS selectors.

This content can be used by a WebCrawler to capture information and process payments

The screenshot shows a web browser window with a registration form. The form includes fields for 'Bob' and 'Lottery', and a URL 'http://localhost:8080/static/example.html'. Below the form, the HTML source code is displayed, highlighting specific elements with CSS selectors: '#identity' and '#elements'. Arrows point from these labels to their respective elements in the DOM tree and the source code.

Bob
Lottery

http://localhost:8080/
static/example.html

#identity

#elements

Concurso 1

p#elements | 727 x 18

```
<!--Sessão 'O que eu ganho apostando?'-->
<section class="white-box">
  <h2 id="identity">Concurso 1</h2>
  <p id="elements">1,2,3,4,5,6</p>
</section>
<!--Rodapé-->
<footer class="footer white-box">...</footer>
</main>
</body>
</html>
```

How does the Registration Work?

Brasil - Mega Sena

http://www.megasena.com.br/resultados

.concurso-id

.numeros-sorteados

Resultado Concurso 2789 (24/10/2024)

Buscar por concurso < Anterior Próximo >

Ex: 1475

Acumulou!

ul#ulDezenas.numbers.megasena 537.59 × 67 RTE em SÃO PAULO, SP

03 17 18 19 20 55

DOM Structure:

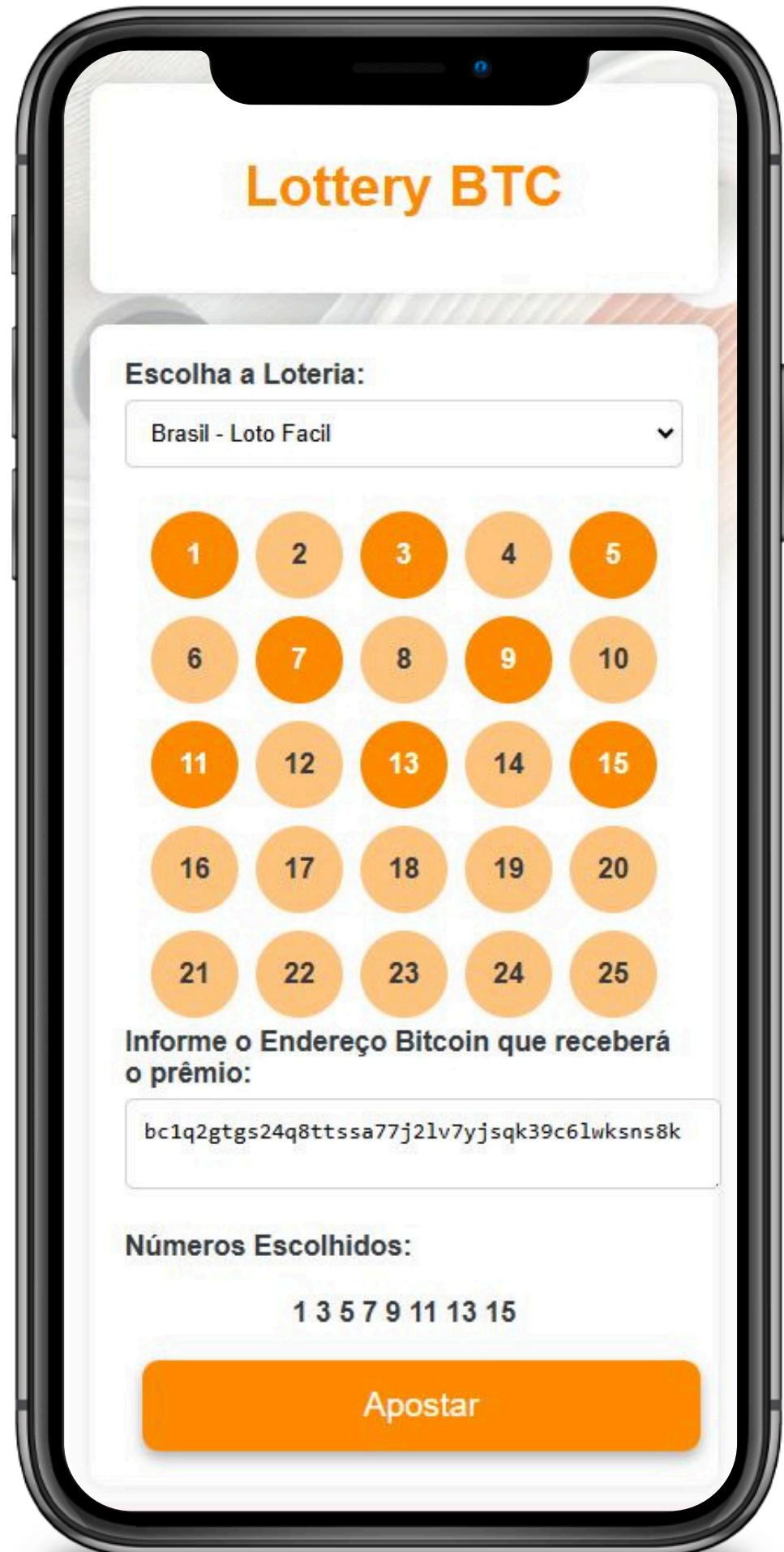
```
<div class="component-control" id="wp_resultados">
  <div class="content-section section-text with-box no-margin-bottom">...</div>
<div class="content-section section-text with-box column-left no-margin-top">
  <div class="content">
    <div class="resultado-loteria">
      <h3 class="epsilon ng-show="resultado.acumulado">Acumulou!</h3>
      <h3 class="epsilon ng-hide" ng-show="resultado.indicadorConcursoEspecial==2">Mega da Virada</h3>
      <p class="description ng-binding">...</p>
      <ul class="numbers megasena" id="ulDezenas">...</ul> == $0
    </div>
    <div class="next-prize clearfix">...</div>
    <div class="totals">...</div>
  </div>
</div>
<-box.column-left.no-margin-top div.content div.resultado-loteria ul#ulDezenas.numbers.megasena>
```

Estilos Computado Layout Listener de eventos Pontos de interrupção DOM Propriedades >



Gambler





Flexible Selection of Drawn Elements

Numbers, Names, Animals, colors, ...

Using Lotofácil or Powerball as examples, the interface can be configured to allow selecting only numbers within the drawn range.

However, since the draw is external, it is also possible to accept bets on animals, colors, names, news, or any text available online to pay the bettor.



Payment and Confirmation through Lightning

Based on the chosen lottery type, betting options relevant to that lottery will be provided.

For example, in Mega Sena, numbers are always drawn between 01 and 60, while in the China Welfare Lottery, the range is from 01 to 33.

The bettor must also provide either an on-chain public key (not yet available) or a Lightning invoice, which will automatically receive the full wallet balance if the Crawler identifies the bet as a winner.



- Web Crwolers

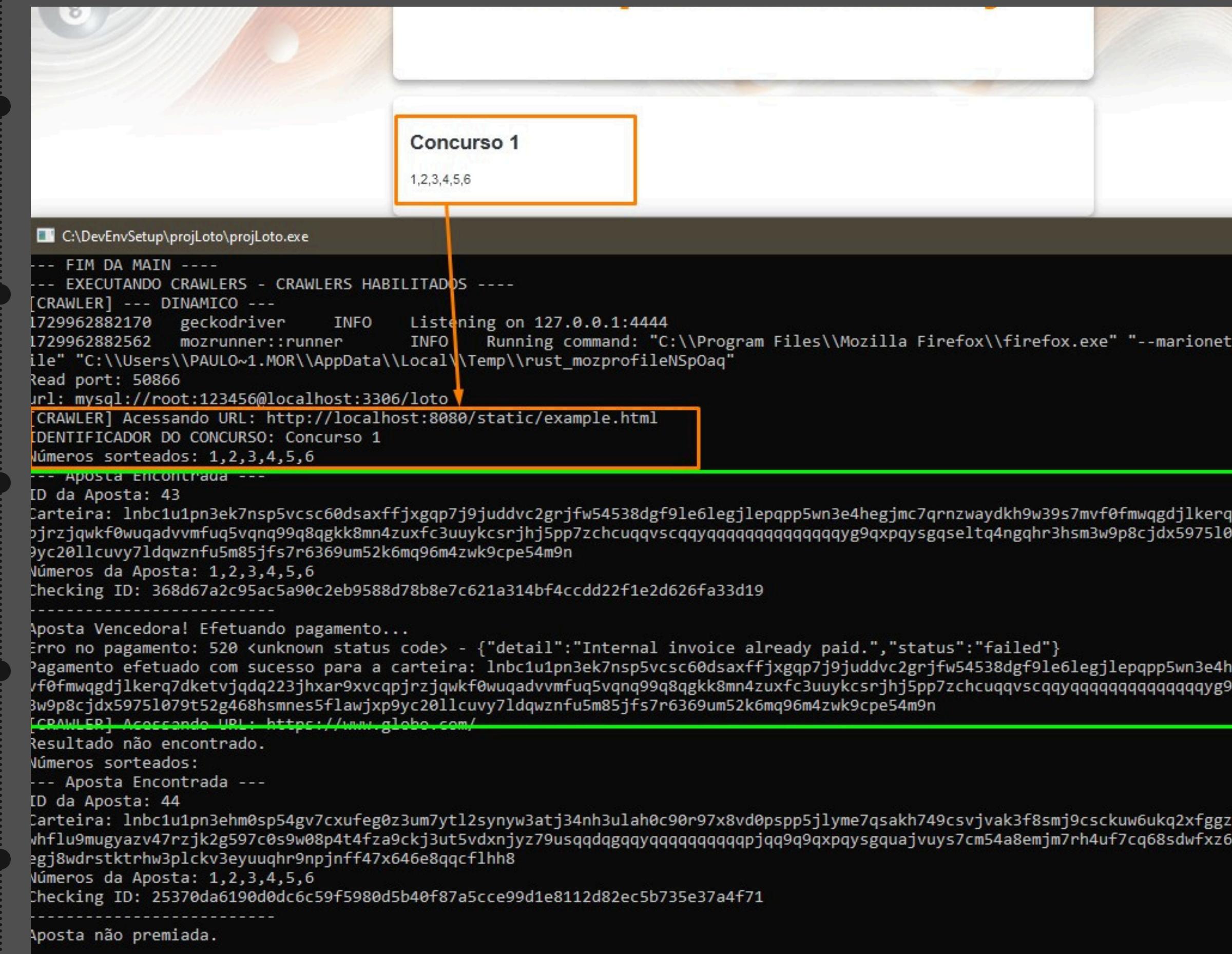
Dynamically Configurable Web Crawler

The image displays two windows illustrating a web crawling process. On the left, a terminal window titled "C:\DevEnvSetup\projLoto\projLoto.exe" shows the log output of the crawler. The log includes initialization messages like "INICIANDO SERVIDOR HTTP ---", "EXECUTANDO CRAWLERS - CRAWLERS HABILITADOS ---", and specific logs for the "CAIXA ECONOMICA FEDERAL - MEGASENA" crawler, such as "Listening on 127.0.0.1:4444" and "Identificando o concurso e os números sorteados ---". It also lists the numbers 03, 17, 18, 19, 20, and 55. On the right, a browser window titled "Mega-Sena - Portal Loterias | CAIXA" shows the official website for the Mega-Sena lottery. The page displays the results for Concurso 2789 (24/10/2024), which are identical to the numbers listed in the terminal log: 03, 17, 18, 19, 20, and 55. An orange box highlights the terminal log, and arrows point from it to the browser window, indicating the flow of data from the crawler's log to the displayed results.

Automatic Payment Web Crawler

An automatic crawler will continuously visit the registered website address.

If winning bets are identified, the crawler will automatically execute a transaction to pay the winners, distributing nearly all the collected funds quickly, anonymously, and securely.



```
C:\DevEnvSetup\projLoto\projLoto.exe
-- FIM DA MAIN ---
-- EXECUTANDO CRAWLERS - CRAWLERS HABILITADOS ---
[CRAWLER] --- DINAMICO ---
1729962882170 geckodriver    INFO    Listening on 127.0.0.1:4444
1729962882562 mozrunner::runner  INFO    Running command: "C:\\Program Files\\Mozilla Firefox\\firefox.exe" "--marionette"
ile" "C:\\Users\\PAULO~1.MOR\\AppData\\Local\\Temp\\rust_mozprofileNSpOaq"
Read port: 50866
url: mysql://root:123456@localhost:3306/loto
[CRAWLER] Acessando URL: http://localhost:8080/static/example.html
[IDENTIFICADOR DO CONCURSO: Concurso 1
Números sorteados: 1,2,3,4,5,6
--- Apostas encontradas ---
ID da Apostas: 43
Carteira: lnbc1u1pn3ek7nsp5vcsc60dsaxffjxgqp7j9juddvc2grjfw54538dgf9le6legjlepqpp5wn3e4hegjmc7qrnzwaydkh9w39s7mvf0fmwqgdjlkerq
pjrzjkwkfo0wuqadvvmfuq5vqnq99q8qgkk8mn4zuxfc3uuykcsrjhj5pp7zchcuqqvscqqyqqqqqqqqqqy9qxpqysgqselq4ngqhr3hsm3w9p8cjdx597510
9yc20llcuvy7ldqwznfu5m85jfs7r6369um52k6mq96m4zwk9cpe54m9n
Números da Apostas: 1,2,3,4,5,6
Checking ID: 368d67a2c95ac5a90c2eb9588d78b8e7c621a314bf4ccdd22f1e2d626fa33d19
Aposta Vencedora! Efetuando pagamento...
Erro no pagamento: 520 <unknow status code> - {"detail":"Internal invoice already paid.", "status":"failed"}
Pagamento efetuado com sucesso para a carteira: lnbc1u1pn3ek7nsp5vcsc60dsaxffjxgqp7j9juddvc2grjfw54538dgf9le6legjlepqpp5wn3e4h
vf0fmwqgdjlkerq7dketvjqdq223jhxar9xvcqpjrzjkwkfo0wuqadvvmfuq5vqnq99q8qgkk8mn4zuxfc3uuykcsrjhj5pp7zchcuqqvscqqyqqqqqqqqqqy9q
3w9p8cjdx59751079t52g468hsmnes5flawjxp9yc20llcuvy7ldqwznfu5m85jfs7r6369um52k6mq96m4zwk9cpe54m9n
[CRAWLER] Acessando URL: https://www.globo.com/
Resultado não encontrado.
Números sorteados:
--- Apostas encontradas ---
ID da Apostas: 44
Carteira: lnbc1u1pn3ehm0sp54gv7cxufeg0z3um7yt1synyw3atj34nh3ulah0c90r97x8vd0pspp5jlyme7qsakh749csvjvak3f8smj9csckuw6ukq2xfggz
whflu9mugyazv47rzjk2g597c0s9w08p4t4fza9ckj3ut5vdxnjyz79usqqdqgqqyqqqqqqqqpjqqq9qxpqysgqua7vuys7cm54a8emjm7rh4uf7cq68sdwfzx26
egj8wdrstktrhw3plckv3eyuuqhr9npjnff47x646e8qqcflhh8
Números da Apostas: 1,2,3,4,5,6
Checking ID: 25370da6190d0dc6c59f5980d5b40f87a5cce99d1e8112d82ec5b735e37a4f71
Aposta não premiada.
```

Any website available on
the internet can be used
as a data source for
lotteries.



Respectfully, I present this example

Our sincere condolences to those who have lost loved ones

The screenshot shows a web browser window with the URL <https://site.aafit.org.br/obituário/>. The page features a logo for 'ASSOCIAÇÃO DOS AUDITORES TRIBUTÁRIOS - DISTRITO FEDERAL' and a large '61 Anos' graphic. A navigation bar at the top includes links for INÍCIO, INSTITUCIONAL, ESPECIAL 60 ANOS, NOTÍCIAS, SERVIÇOS, CONVÉNIOS, TURISMO FEBRAFITE, GALERIA, FILIE-SE, FALE CONOSCO, and a search icon. Below the navigation is a breadcrumb trail: Início / Obituário. The main content area is titled 'Falecidos' and displays a table of deceased individuals for the year 2024. The table has columns for Nome (Name), Data (Date), and Status. The data is as follows:

Nome	Data	Status
Murilo Antônio de Oliveira	02/01/2024	Associado
Sebastião Esteves Torres	14/03/2024	Associado
Marco Antônio de Mendonça Vieira	27/03/2024	Associado
Luiz Fernando Serafim	15/05/2024	Associado
Waldemar Machado Netto	27/05/2024	Associado

```
url: mysql://root:123456@localhost:3306/loto
[CRAWLER] Acessando URL: http://localhost:8080/static/example.html
IDENTIFICADOR DO CONCURSO: Concurso 1
Números sorteados: 1,2,3,4,5,6
[CRAWLER] Acessando URL: https://site.aafit.org.br/obituário/
IDENTIFICADOR DO CONCURSO: 2024
Números sorteados: Murilo Antônio de Oliveira
[CRAWLER] --- DINAMICO --- EXECUTADO COM SUCESSO!
```

Falecidos

2024		
Nome	Data	Status
Murilo Antônio de Oliveira	02/01/2024	Associado
Sebastião Esteves Torres	14/03/2024	Associado
Marco Antônio de Mendonça Vieira	27/03/2024	Associado
Luiz Fernando Serafim	15/05/2024	Associado
Waldemar Machado Netto	27/05/2024	Associado

2023		
2022		
2021		

Even an obituary website could be used as a data source to feed the system.

It would only be necessary to register the website address and define a CSS selector to identify the event and another to identify the value of the elements used for processing the bets.

Note: The betting screen currently only allows betting on numbers.

Proposed Evolutions

- If a model were created where part of the key remained encrypted in the crawler, and the other part was unlocked by the drawn numbers.

Any bettor could run the crawler and enforce the payment of all bets.

Used Technologies



Actix Web

RustJobs



Lightning Network®



Selenium