

# Web

Web — , Web.

— , 2.0, PINPad, PKI.

, " " Web.

, Web , .

API Web, .

Web .

, " " ( Web) Web , Web.

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:

- ( )
- 2012
- RSA ( 2048 )
- " " PKCS#7 X509
- , Web
- promise Javascript

:

<http://php.rutokenweb.ru/>

PHP, .

Web:

1. .
2. . . .
3. , " " . . 1 " " .
4. " " . 2 . .

, X509, PKCS#7 (CMS), " " .

, , X509 CMS .

Web 34.10-2001.

## Web

1. .

Web:

[ftp://ftp.rutoken.ru/software/Rutoken\\_Plugin/4.3.1.0/Windows/RutokenPlugin.msi](ftp://ftp.rutoken.ru/software/Rutoken_Plugin/4.3.1.0/Windows/RutokenPlugin.msi)

:

<https://www.rutoken.ru/support/download/rutoken-plugin/>

2. . rutokenweb.js rutoken.js:

<https://www.npmjs.com/package/rutoken>

Promise rutokenweb.js, . . , : <https://github.com/jakearchibald/es6-promise>

3. :

<https://www.npmjs.com/package/rutoken-browser-check>

:

<https://www.npmjs.com/package/bowser>

4. . :

```
- boot.js;  
- , ;  
- token_refresh onload .  
  , resolve . PIN-  
  , id. id PIN-, .  
  reject . , , .
```

5. rtwToCrypto.js. :

<https://github.com/blade-runner/rutokenweb-to-plugin>

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, :

- rtwIsTokenPresentAndOK;
- rtwGetNumberOfContainers;
- rtwGetContainerName;
- rtwSign;
- rtwGenKeyPair.

- [hotline@rutoken.ru](mailto:hotline@rutoken.ru) , , pull request .