

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

:

2. .
<https://www.rutoken.ru/support/download/rutoken-plugin/>
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>
 , , .

, :

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

- hotline@rutoken.ru , , , pull request .