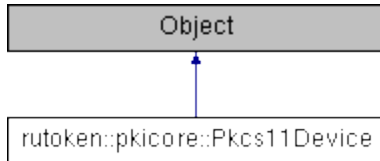


# Pkcs11Device

, . [Pkcs11Device::enumerate](#).

: [rutoken::pki-core](#)

: [pki-core-cpp.h](#)



class <a href="#">CommonKeyGenParams</a>	
class <a href="#">Gost34102001KeyGenParams</a>	, <a href="#">34.10-2001</a>

struct <a href="#">Feature</a>	,
struct <a href="#">Format</a>	,

<a href="#">Pkcs11Device</a> ( <a href="#">Pkcs11Device</a> &&v)	
<a href="#">Pkcs11Device</a> & operator= ( <a href="#">Pkcs11Device</a> &&v)	
void <a href="#">changePin</a> (const std::string &oldPin, const std::string &newPin)	<a href="#">PIN</a>
void <a href="#">deleteCert</a> (const <a href="#">Pkcs11Cert</a> &cert)	
void <a href="#">deleteKeyPair</a> (const <a href="#">Pkcs11PrivateKey</a> &key)	
std::vector< <a href="#">Pkcs11Cert</a> > <a href="#">enumerateCerts</a> ()	,
std::vector< <a href="#">Pkcs11PrivateKey</a> > <a href="#">enumeratePrivateKeys</a> ()	,
std::vector< <a href="#">Pkcs11UserCert</a> > <a href="#">enumerateUserCerts</a> ()	,
<a href="#">Pkcs11PrivateKey</a> <a href="#">generateKeyPair</a> (const <a href="#">Gost34102001KeyGenParams</a> &keyGenParams)	<a href="#">34.10-2001</a>
std::string <a href="#">getLabel</a> ()	
std::string <a href="#">getSerialNumber</a> ()	
<a href="#">Pkcs11Cert</a> <a href="#">importCert</a> (const <a href="#">ExternalCert</a> &externalCert, bool trusted=false)	
<a href="#">Pkcs11UserCert</a> <a href="#">importUserCert</a> (const <a href="#">ExternalCert</a> &externalCert)	
bool <a href="#">isFeatureSupported</a> ( <a href="#">Feature::Type</a> feature)	
bool <a href="#">isFormatSupported</a> ( <a href="#">Format::Type</a> format)	
bool <a href="#">isLoggedInIn</a> ()	

void login (const std::string &pin)	
void logout ()	

static Pkcs11Device cast (Object &&v)	
static std::vector< Pkcs11Device > enumerate ()	

**static std::vector< Pkcs11Device > enumerate ()**

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, .

**void changePin (const std::string &oldPin, const std::string &newPin)**

PIN .

oldPin - PIN .

newPin - PIN .

**void deleteCert (const Pkcs11Cert &cert)**

cert - ,

**void deleteKeyPair (const Pkcs11PrivateKey &key)**

key - , .

**std::vector< Pkcs11Cert > enumerateCerts ()**

, .

<code>std::vector&lt; Pkcs11PrivateKey &gt; enumeratePrivateKeys ()</code>	<code>enumeratePrivateKeys ()</code>
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<code>std::vector&lt; Pkcs11UserCert &gt; enumerateUserCerts</code>	<code>()</code>
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<code>Pkcs11PrivateKey generateKeyPair</code>	<code>(const Gost34102001KeyGenParams &amp;keyGenParams)</code>
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34.10-2001 .

keyGenParams - .

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<code>std::string getLabel</code>	<code>()</code>
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<code>std::string getSerialNumber</code>	<code>()</code>
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<code>Pkcs11Cert importCert</code>	<code>(const ExternalCert &amp;externalCert, bool trusted=false)</code>
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externalCert - , .

trusted - "CA".

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<code>Pkcs11UserCert importUserCert</code>	<code>(const ExternalCert &amp;externalCert)</code>
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externalCert - , ..

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**Pkcs11Cert importCert** (const ExternalCert &externalCert, bool trusted=false)

externalCert - , .

trusted - "CA".

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**bool isFeatureSupported** (Feature::Type feature)

feature - , .

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**bool isFormatSupported** (Format::Type format)

format - , .

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**bool isLoggedIn** ()

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**void login** (const std::string &pin)

pin - PIN.

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**void logout** ()

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