

API ROZHRANIE

Technická dokumentácia

Posledná zmena:
9.3.2020

1 API ROZHRAŇIE

1.1 AUTENTIFIKÁCIA

Pri volaniach API je potrebné vyplňať atribúty a podľa toho či sa jedná o použitie pod vlastným účtom alebo o sprostredkované použitie prostredníctvom administrátora tretej strany. Každú službu je možné používať oboma spôsobmi.

1.1.1 PRIAME POUŽITIE

Určené pre bežných používateľov. Vyplnené *Username* a *Password*. Atribúty *ServiceId* a *ServiceUserId* v takomto použití vyplňané nie sú.

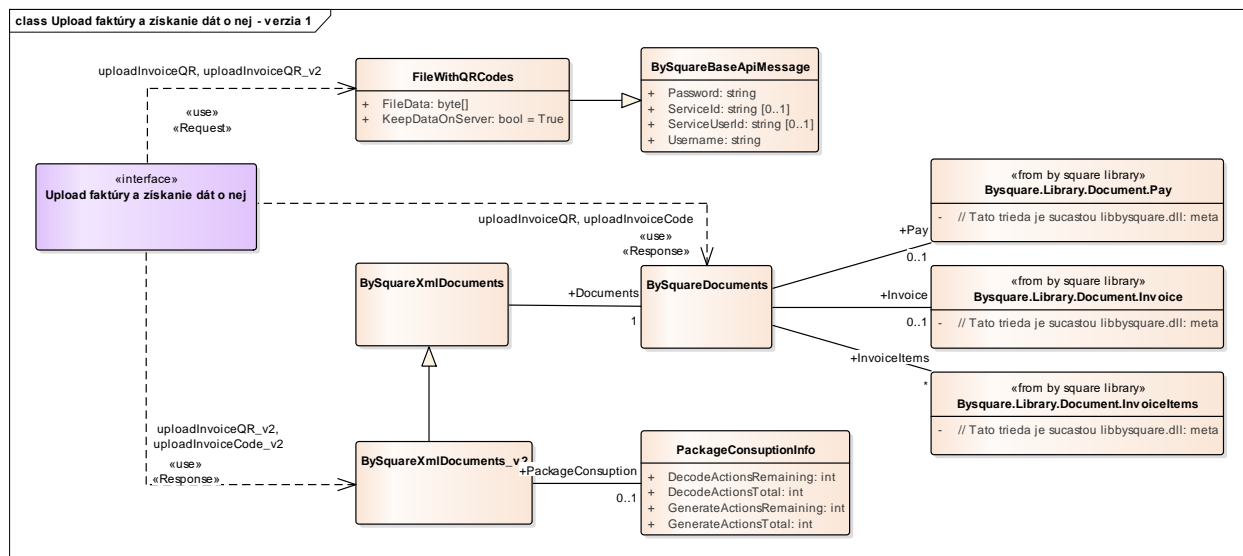
VSTUP
... <Username>test@test.test</Username> <Password>test@test.test</Password> ...

1.1.2 SPROSTREDKOVANÉ POUŽITIE ADMINISTRÁTORMI TRETÍCH STRÁN

Určené pre administrátorov tretích strán. Administrátor tretej strany je prihlásený svojimi údajmi, ale úkony sú vykonávané v mene prepojeného používateľa, ktorý bude aj vlastníkom faktúr. V tomto prípade sú atribúty *ServiceId* a *ServiceUserId* povinné.

VSTUP
... <Username>poweruser@poweruser.poweruser</Username> <Password>poweruser@poweruser.poweruser</Password> <ServiceId>B129241E-5BCA-4EFD-9D57-CC360BE070CE</ServiceId> <ServiceUserId>ABCDEFGHR...XYZ</ServiceUserId> ...

1.2 UPLOAD FAKTÚRY A ZÍSKANIE DÁT O NEJ - VARIANT 1



Táto služba API rozhrania slúži pre upload faktúry. Faktúra je uložená v úložisku faktúr používateľa. Služba taktiež vráti rozpoznané dáta z uploadnutej faktúry v štruktúrovanej forme.

Doplňujúce informácie o atribútoch:

KeepDataOnServer	Rozhoduje, či sa údaje uložia aj na servery aplikácie by square (TRUE), alebo sa len spracujú (FALSE)
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1.2.1 POPIS POUŽÍVANIA API

TYP	POST
CONTENT TYPE	application/xml
ADRESA	Verzia 1: https://app.bysquare.com/api/uploadInvoiceQR Verzia 2: https://app.bysquare.com/api/uploadInvoiceQR_v2
VSTUP	<pre><FileWithQRcodes xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"> <Username>test@test.test</Username> <Password>test@test.test</Password> <KeepDataOnServer>true</KeepDataOnServer> <FileData>iVBORw0KGgNS...Bytes of Invoice pdf document as Base64</FileData> </FileWithQRcodes></pre>
VÝSTUP – verzia 1	<pre><BySquareDocuments xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"> <Invoice xsi:type="Invoice" xmlns="http://www.bysquare.com/bysquare"> <InvoiceID>2013019</InvoiceID> <IssueDate>2013-05-13T00:00:00</IssueDate> <TaxPointDate>2013-05-13T00:00:00</TaxPointDate></pre>

```
<LocalCurrencyCode>EUR</LocalCurrencyCode>
<CurrRate xsi:nil="true" />
<ReferenceCurrRate xsi:nil="true" />
<SupplierParty>
  <PartyName>iLancer s.r.o.</PartyName>
  <CompanyTaxID>2023187133</CompanyTaxID>
  <CompanyVATID>SK2023187133</CompanyVATID>
  <CompanyRegisterID>45960119</CompanyRegisterID>
  <PostalAddress>
    <StreetName>Špitálska</StreetName>
    <BuildingNumber>10</BuildingNumber>
    <CityName>Bratislava</CityName>
    <PostalZone>81108</PostalZone>
    <Country>SVK</Country>
  </PostalAddress>
  <Contact>
    <Name>Ing. Martin Vician</Name>
    <EMail>martin.vician@ilancer.eu</EMail>
  </Contact>
</SupplierParty>
<CustomerParty>
  <PartyName>Forsys a.s.</PartyName>
  <CompanyTaxID>2022683003</CompanyTaxID>
  <CompanyVATID>SK2022683003</CompanyVATID>
  <CompanyRegisterID>44232730</CompanyRegisterID>
</CustomerParty>
<NumberOfInvoiceLines xsi:nil="true" />
<SingleInvoiceLine>
  <ItemName>Vedenie účtovníctva za 2Q 2013</ItemName>
  <PeriodFromDate xsi:nil="true" />
  <PeriodToDate xsi:nil="true" />
  <InvoicedQuantity>3</InvoicedQuantity>
  <UnitPriceTaxExclusiveAmount>200</UnitPriceTaxExclusiveAmount>
  <UnitPriceTaxInclusiveAmount>240</UnitPriceTaxInclusiveAmount>
  <UnitPriceTaxAmount>40</UnitPriceTaxAmount>
</SingleInvoiceLine>
<TaxCategorySummaries>
  <TaxCategorySummary>
    <ClassifiedTaxCategory>0.2</ClassifiedTaxCategory>
    <TaxExclusiveAmount>600</TaxExclusiveAmount>
    <TaxInclusiveAmount>720</TaxInclusiveAmount>
    <TaxAmount>120</TaxAmount>
    <AlreadyClaimedTaxExclusiveAmount>0</AlreadyClaimedTaxExclusiveAmount>
    <AlreadyClaimedTaxInclusiveAmount>0</AlreadyClaimedTaxInclusiveAmount>
    <AlreadyClaimedTaxAmount>0</AlreadyClaimedTaxAmount>
    <DifferenceTaxExclusiveAmount>600</DifferenceTaxExclusiveAmount>
    <DifferenceTaxInclusiveAmount>720</DifferenceTaxInclusiveAmount>
    <DifferenceTaxAmount>120</DifferenceTaxAmount>
  </TaxCategorySummary>
</TaxCategorySummaries>
<MonetarySummary>
  <TaxExclusiveAmount>600</TaxExclusiveAmount>
  <TaxInclusiveAmount>720</TaxInclusiveAmount>
  <TaxAmount>120</TaxAmount>
  <AlreadyClaimedTaxExclusiveAmount>0</AlreadyClaimedTaxExclusiveAmount>
  <AlreadyClaimedTaxInclusiveAmount>0</AlreadyClaimedTaxInclusiveAmount>
  <AlreadyClaimedTaxAmount>0</AlreadyClaimedTaxAmount>
  <DifferenceTaxExclusiveAmount>600</DifferenceTaxExclusiveAmount>
  <DifferenceTaxInclusiveAmount>720</DifferenceTaxInclusiveAmount>
  <DifferenceTaxAmount>120</DifferenceTaxAmount>
```

```

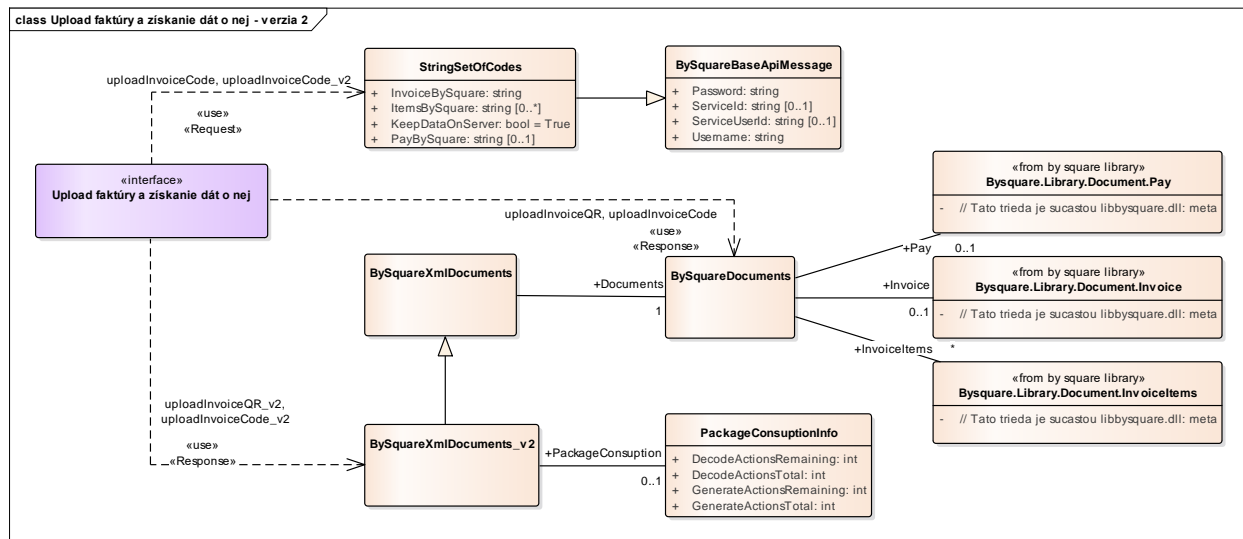
        <PayableRoundingAmount>0</PayableRoundingAmount>
        <PaidDepositsAmount>0</PaidDepositsAmount>
        <PayableAmount>720</PayableAmount>
    </MonetarySummary>
</Invoice>
<Pay xsi:type="Pay" xmlns="http://www.bysquare.com/bysquare">
    ...
</Pay>
</BySquareDocuments>
    
```

VÝSTUP – verzia 2

```

<BySquareXmlDocuments_v2 xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
    <Documents>
        <Invoice xsi:type="Invoice" xmlns="http://www.bysquare.com/bysquare">
            ...
        </Invoice>
    </Documents>
    <PackageConsumption>
        <GenerateActionsTotal>100</GenerateActionsTotal>
        <GenerateActionsRemaining>100</GenerateActionsRemaining>
        <DecodeActionsTotal>20</DecodeActionsTotal>
        <DecodeActionsRemaining>9</DecodeActionsRemaining>
    </PackageConsumption>
</BySquareXmlDocuments_v2>
    
```

1.3 UPLOAD FAKTÚRY A ZÍSKANIE DÁT O NEJ - VARIANT 2



Táto služba API rozhrania slúži pre upload faktúry. Faktúra je uložená v úložisku faktúr používateľa. Služba taktiež vráti rozpoznané dáta z uploadnutej faktúry v štruktúrovanej forme.

Doplňujúce informácie o atribútoch:

KeepDataOnServer	Rozhoduje, či sa údaje uložia aj na servery aplikácie by square (TRUE), alebo sa len spracujú (FALSE)
-------------------------	---

1.3.1 IMPLEMENTÁCIA API

TYP	POST
CONTENT TYPE	application/xml
ADRESA	Verzia 1: https://app.bysquare.com/api/uploadInvoiceCode Verzia 2: https://app.bysquare.com/api/uploadInvoiceCode_v2
VSTUP	
<pre><StringSetOfCodes xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"> <Username>test@test.test</Username> <Password>test@test.test</Password> <KeepDataOnServer>true</KeepDataOnServer> <InvoiceBySquare>2001G0804E3.... string code of Invoice</InvoiceBySquare> <PayBySquare>2001G0804E3.... string code of Pay</PayBySquare> <ItemsBySquare> <string> 2001G0804E3.... string code of Item </string> </ItemsBySquare> </StringSetOfCodes></pre>	
VÝSTUP – verzia 1	
<pre><BySquareDocuments xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"> <Invoice xsi:type="Invoice" xmlns="http://www.bysquare.com/bysquare"> <InvoiceID>2013019</InvoiceID> <IssueDate>2013-05-13T00:00:00</IssueDate> <TaxPointDate>2013-05-13T00:00:00</TaxPointDate> <LocalCurrencyCode>EUR</LocalCurrencyCode> <CurrRate xsi:nil="true" /> <ReferenceCurrRate xsi:nil="true" /> <SupplierParty> <PartyName>iLancer s.r.o.</PartyName> <CompanyTaxID>2023187133</CompanyTaxID> <CompanyVATID>SK2023187133</CompanyVATID> <CompanyRegisterID>45960119</CompanyRegisterID> <PostalAddress> <StreetName>Špitálska</StreetName> <BuildingNumber>10</BuildingNumber> <CityName>Bratislava</CityName> <PostalZone>81108</PostalZone> <Country>SVK</Country> </PostalAddress> <Contact> <Name>Ing. Martin Vician</Name> <EMail>martin.vician@ilancer.eu</EMail> </Contact> </SupplierParty> <CustomerParty> <PartyName>Forsys a.s.</PartyName> <CompanyTaxID>2022683003</CompanyTaxID> <CompanyVATID>SK2022683003</CompanyVATID> <CompanyRegisterID>44232730</CompanyRegisterID> </CustomerParty> <NumberOfInvoicelines xsi:nil="true" /> <SingleInvoiceLine> <ItemName>Vedenie účtovníctva za 2Q 2013</ItemName> <PeriodFromDate xsi:nil="true" /> </SingleInvoiceLine> </Invoice> </BySquareDocuments></pre>	

```

    <PeriodToDate xsi:nil="true" />
    <InvoicedQuantity>3</InvoicedQuantity>
    <UnitPriceTaxExclusiveAmount>200</UnitPriceTaxExclusiveAmount>
    <UnitPriceTaxInclusiveAmount>240</UnitPriceTaxInclusiveAmount>
    <UnitPriceTaxAmount>40</UnitPriceTaxAmount>
  </SingleInvoiceLine>
  <TaxCategorySummaries>
    <TaxCategorySummary>
      <ClassifiedTaxCategory>0.2</ClassifiedTaxCategory>
      <TaxExclusiveAmount>600</TaxExclusiveAmount>
      <TaxInclusiveAmount>720</TaxInclusiveAmount>
      <TaxAmount>120</TaxAmount>
      <AlreadyClaimedTaxExclusiveAmount>0</AlreadyClaimedTaxExclusiveAmount>
      <AlreadyClaimedTaxInclusiveAmount>0</AlreadyClaimedTaxInclusiveAmount>
      <AlreadyClaimedTaxAmount>0</AlreadyClaimedTaxAmount>
      <DifferenceTaxExclusiveAmount>600</DifferenceTaxExclusiveAmount>
      <DifferenceTaxInclusiveAmount>720</DifferenceTaxInclusiveAmount>
      <DifferenceTaxAmount>120</DifferenceTaxAmount>
    </TaxCategorySummary>
  </TaxCategorySummaries>
  <MonetarySummary>
    <TaxExclusiveAmount>600</TaxExclusiveAmount>
    <TaxInclusiveAmount>720</TaxInclusiveAmount>
    <TaxAmount>120</TaxAmount>
    <AlreadyClaimedTaxExclusiveAmount>0</AlreadyClaimedTaxExclusiveAmount>
    <AlreadyClaimedTaxInclusiveAmount>0</AlreadyClaimedTaxInclusiveAmount>
    <AlreadyClaimedTaxAmount>0</AlreadyClaimedTaxAmount>
    <DifferenceTaxExclusiveAmount>600</DifferenceTaxExclusiveAmount>
    <DifferenceTaxInclusiveAmount>720</DifferenceTaxInclusiveAmount>
    <DifferenceTaxAmount>120</DifferenceTaxAmount>
    <PayableRoundingAmount>0</PayableRoundingAmount>
    <PaidDepositsAmount>0</PaidDepositsAmount>
    <PayableAmount>720</PayableAmount>
  </MonetarySummary>
</Invoice>
</BySquareDocuments>

```

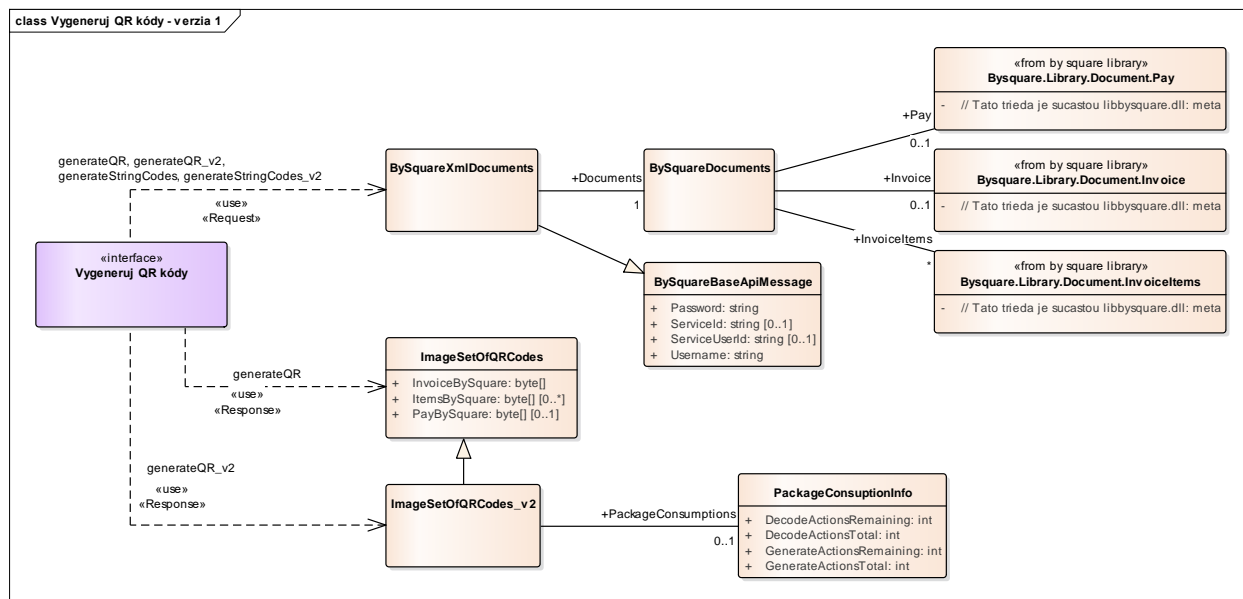
VÝSTUP – verzia 2

```

<BySquareXmlDocuments_v2 xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <Documents>
    <Invoice xsi:type="Invoice" xmlns="http://www.bysquare.com/bysquare">
      ...
    </Invoice>
  </Documents>
  <PackageConsumption>
    <GenerateActionsTotal>100</GenerateActionsTotal>
    <GenerateActionsRemaining>100</GenerateActionsRemaining>
    <DecodeActionsTotal>20</DecodeActionsTotal>
    <DecodeActionsRemaining>9</DecodeActionsRemaining>
  </PackageConsumption>
</BySquareXmlDocuments_v2>

```

1.4 VYGENERUJ QR KÓDY - VARIANT 1



Táto služba API rozhrania poskytuje možnosť vygenerovať QR kódy faktúru na základe vstupných údajov o faktúre.

1.4.1 IMPLEMENTÁCIA API

TYP	POST
CONTENT TYPE	application/xml
ADRESA	Verzia 1: https://app.bysquare.com/api/generateQR Verzia 2: https://app.bysquare.com/api/generateQR_v2
VZHĽAD VÝSTUPU	
ALTERNATÍVNE ADRESY	Verzia 2 s výstupnými obrázkami pre tlač https://app.bysquare.com/api/generateQRPrint

VZHEAD VÝSTUPU PRE TLAČ

INVOICE by square 

ZAPLATÍTE ČEZ

PAY by square 

VSTUP

```

<BySquareXmlDocuments xmlns:xsd="http://www.w3.org/2001/XMLSchema"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <Username>test@test.test</Username>
  <Password>test@test.test</Password>
  <Documents>
    <Invoice xsi:type="Invoice" xmlns="http://www.bysquare.com/bysquare">
      <InvoiceID>2013019</InvoiceID>
      <IssueDate>2013-05-13T00:00:00</IssueDate>
      <TaxPointDate>2013-05-13T00:00:00</TaxPointDate>
      <LocalCurrencyCode>EUR</LocalCurrencyCode>
      <CurrRate xsi:nil="true" />
      <ReferenceCurrRate xsi:nil="true" />
      <SupplierParty>
        <PartyName>iLancer s.r.o.</PartyName>
        <CompanyTaxID>2023187133</CompanyTaxID>
        <CompanyVATID>SK2023187133</CompanyVATID>
        <CompanyRegisterID>45960119</CompanyRegisterID>
        <PostalAddress>
          <StreetName>Špitálska</StreetName>
          <BuildingNumber>10</BuildingNumber>
          <CityName>Bratislava</CityName>
          <PostalZone>81108</PostalZone>
          <Country>SVK</Country>
        </PostalAddress>
        <Contact>
          <Name>Ing. Martin Vician</Name>
          <EMail>martin.vician@ilancer.eu</EMail>
        </Contact>
      </SupplierParty>
      <CustomerParty>
        <PartyName>Forsys a.s.</PartyName>
        <CompanyTaxID>2022683003</CompanyTaxID>
        <CompanyVATID>SK2022683003</CompanyVATID>
        <CompanyRegisterID>44232730</CompanyRegisterID>
      </CustomerParty>
    </Invoice>
  </Documents>
</BySquareXmlDocuments>

```

```
<NumberOfInvoiceLines xsi:nil="true" />
<SingleInvoiceLine>
  <ItemName>Vedenie účtovníctva za 2Q 2013</ItemName>
  <PeriodFromDate xsi:nil="true" />
  <PeriodToDate xsi:nil="true" />
  <InvoicedQuantity>3</InvoicedQuantity>
  <UnitPriceTaxExclusiveAmount>200</UnitPriceTaxExclusiveAmount>
  <UnitPriceTaxInclusiveAmount>240</UnitPriceTaxInclusiveAmount>
  <UnitPriceTaxAmount>40</UnitPriceTaxAmount>
</SingleInvoiceLine>
<TaxCategorySummaries>
  <TaxCategorySummary>
    <ClassifiedTaxCategory>0.2</ClassifiedTaxCategory>
    <TaxExclusiveAmount>600</TaxExclusiveAmount>
    <TaxInclusiveAmount>720</TaxInclusiveAmount>
    <TaxAmount>120</TaxAmount>
    <AlreadyClaimedTaxExclusiveAmount>0</AlreadyClaimedTaxExclusiveAmount>
    <AlreadyClaimedTaxInclusiveAmount>0</AlreadyClaimedTaxInclusiveAmount>
    <AlreadyClaimedTaxAmount>0</AlreadyClaimedTaxAmount>
    <DifferenceTaxExclusiveAmount>600</DifferenceTaxExclusiveAmount>
    <DifferenceTaxInclusiveAmount>720</DifferenceTaxInclusiveAmount>
    <DifferenceTaxAmount>120</DifferenceTaxAmount>
  </TaxCategorySummary>
</TaxCategorySummaries>
<MonetarySummary>
  <TaxExclusiveAmount>600</TaxExclusiveAmount>
  <TaxInclusiveAmount>720</TaxInclusiveAmount>
  <TaxAmount>120</TaxAmount>
  <AlreadyClaimedTaxExclusiveAmount>0</AlreadyClaimedTaxExclusiveAmount>
  <AlreadyClaimedTaxInclusiveAmount>0</AlreadyClaimedTaxInclusiveAmount>
  <AlreadyClaimedTaxAmount>0</AlreadyClaimedTaxAmount>
  <DifferenceTaxExclusiveAmount>600</DifferenceTaxExclusiveAmount>
  <DifferenceTaxInclusiveAmount>720</DifferenceTaxInclusiveAmount>
  <DifferenceTaxAmount>120</DifferenceTaxAmount>
  <PayableRoundingAmount>0</PayableRoundingAmount>
  <PaidDepositsAmount>0</PaidDepositsAmount>
  <PayableAmount>720</PayableAmount>
</MonetarySummary>
</Invoice>
<Pay xsi:type="Pay" xmlns="http://www.bysquare.com/bysquare">
  <Payments>
    <Payment>
      <PaymentOptions>paymentorder</PaymentOptions>
      <Amount xsi:nil="true" />
      <CurrencyCode>EUR</CurrencyCode>
      <PaymentDueDate xsi:nil="true" />
      <BankAccounts>
        <BankAccount>
          <IBAN>AA0012345678901234567890</IBAN>
          <BIC>AAAABB11</BIC>
        </BankAccount>
      </BankAccounts>
      <VariableSymbol>123457890</VariableSymbol>
      <ConstantSymbol>1234</ConstantSymbol>
      <SpecificSymbol>123457890</SpecificSymbol>
    </Payment>
  </Payments>
</Pay>
<InvoiceItems xsi:type="InvoiceItems" xmlns="http://www.bysquare.com/bysquare">
  <InvoiceID>1</InvoiceID>
```

```

<FirstInvoiceLineID>1</FirstInvoiceLineID>
<InvoiceLines>
  <InvoiceLine>
    <ItemName>Name</ItemName>
    <PeriodFromDate>2016-03-02T00:00:00</PeriodFromDate>
    <PeriodToDate>2016-03-04T00:00:00</PeriodToDate>
    <InvoicedQuantity>1</InvoicedQuantity>
    <UnitPriceTaxExclusiveAmount>1</UnitPriceTaxExclusiveAmount>
    <UnitPriceTaxInclusiveAmount>2</UnitPriceTaxInclusiveAmount>
    <UnitPriceTaxAmount>1</UnitPriceTaxAmount>
    <LineTaxExclusiveAmount>1</LineTaxExclusiveAmount>
    <LineTaxInclusiveAmount>2</LineTaxInclusiveAmount>
    <LineTaxAmount>1</LineTaxAmount>
    <ClassifiedTaxCategory>0.5</ClassifiedTaxCategory>
  </InvoiceLine>
</InvoiceLines>
</InvoiceItems>
<InvoiceItems xsi:type="InvoiceItems" xmlns="http://www.bysquare.com/bysquare">
  <InvoiceID>2</InvoiceID>
  <FirstInvoiceLineID>2</FirstInvoiceLineID>
  <InvoiceLines>
    <InvoiceLine>
      <ItemName>Name2</ItemName>
      <PeriodFromDate>2016-03-02T00:00:00</PeriodFromDate>
      <PeriodToDate>2016-03-04T00:00:00</PeriodToDate>
      <InvoicedQuantity>1</InvoicedQuantity>
      <UnitPriceTaxExclusiveAmount>2</UnitPriceTaxExclusiveAmount>
      <UnitPriceTaxInclusiveAmount>3</UnitPriceTaxInclusiveAmount>
      <UnitPriceTaxAmount>1</UnitPriceTaxAmount>
      <LineTaxExclusiveAmount>2</LineTaxExclusiveAmount>
      <LineTaxInclusiveAmount>3</LineTaxInclusiveAmount>
      <LineTaxAmount>1</LineTaxAmount>
      <ClassifiedTaxCategory>0.5</ClassifiedTaxCategory>
    </InvoiceLine>
  </InvoiceLines>
</InvoiceItems>
</Documents>
</BySquareXmlDocuments>

```

VÝSTUP – verzia 1

```

<ImageSetOfCodes xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <InvoiceBySquare>2001G0804E3....bytes of Invoice png image as Base64</InvoiceBySquare>
  <PayBySquare>2001G0804E3.... bytes of Pay png image as Base64 </PayBySquare>
  <ItemsBySquare>
    <base64Binary>
      2001G0804E3.... bytes of Item png image as Base64
    </base64Binary>
  </ItemsBySquare>
</ImageSetOfCodes>

```

VÝSTUP – verzia 2

```

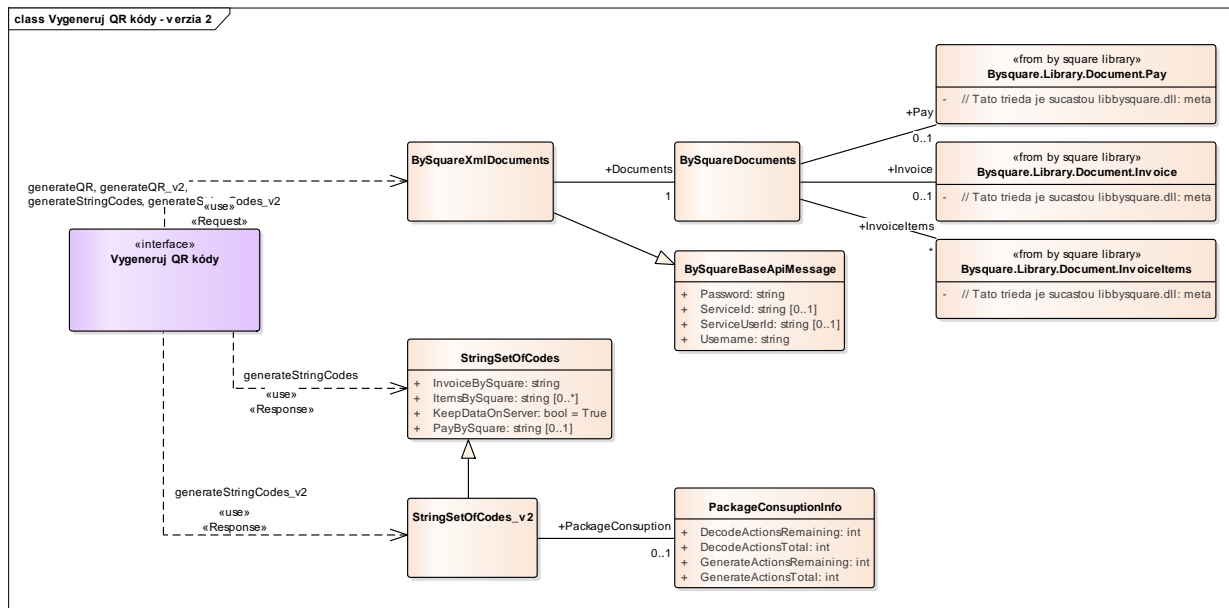
<ImageSetOfQRCodes_v2 xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <InvoiceBySquare>2001G0804E3....bytes of Invoice png image as Base64</InvoiceBySquare>
  <PayBySquare>2001G0804E3.... bytes of Pay png image as Base64</PayBySquare>
  <ItemsBySquare>
    <base64Binary>
      2001G0804E3.... bytes of Item png image as Base64
    </base64Binary>
  </ItemsBySquare>
</ImageSetOfQRCodes_v2>

```

```

<PackageConsumption>
  <GenerateActionsTotal>100</GenerateActionsTotal>
  <GenerateActionsRemaining>100</GenerateActionsRemaining>
  <DecodeActionsTotal>20</DecodeActionsTotal>
  <DecodeActionsRemaining>9</DecodeActionsRemaining>
</PackageConsumption>
</ImageSetOfQRCodes_v2>
    
```

1.5 VYGENERUJ QR KÓDY - VARIANT 2



Táto služba API rozhrania poskytuje možnosť vygenerovať na základe vstupných údajov o faktúre reťazce, ktoré sú používané ako obsah by square QR kódov.

1.5.1 IMPLEMENTÁCIA API

TYP	POST
CONTENT TYPE	application/xml
ADRESA	Verzia 1: https://app.bysquare.com/api/generateStringCodes Verzia 2: https://app.bysquare.com/api/generateStringCodes_v2
VSTUP	<pre> <BySquareXmlDocuments xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"> <Username>test@test.test</Username> <Password>test@test.test</Password> <Documents> <Invoice xsi:type="Invoice" xmlns="http://www.bysquare.com/bysquare"> <InvoiceID>2013019</InvoiceID> <IssueDate>2013-05-13T00:00:00</IssueDate> <TaxPointDate>2013-05-13T00:00:00</TaxPointDate> <LocalCurrencyCode>EUR</LocalCurrencyCode> <CurrRate xsi:nil="true" /> <ReferenceCurrRate xsi:nil="true" /> <SupplierParty> </pre>

```
<PartyName>iLancer s.r.o.</PartyName>
<CompanyTaxID>2023187133</CompanyTaxID>
<CompanyVATID>SK2023187133</CompanyVATID>
<CompanyRegisterID>45960119</CompanyRegisterID>
<PostalAddress>
  <StreetName>Špitálska</StreetName>
  <BuildingNumber>10</BuildingNumber>
  <CityName>Bratislava</CityName>
  <PostalZone>81108</PostalZone>
  <Country>SVK</Country>
</PostalAddress>
<Contact>
  <Name>Ing. Martin Vician</Name>
  <EMail>martin.vician@ilancer.eu</EMail>
</Contact>
</SupplierParty>
<CustomerParty>
  <PartyName>Forsys a.s.</PartyName>
  <CompanyTaxID>2022683003</CompanyTaxID>
  <CompanyVATID>SK2022683003</CompanyVATID>
  <CompanyRegisterID>44232730</CompanyRegisterID>
</CustomerParty>
<NumberOfInvoiceLines xsi:nil="true" />
<SingleInvoiceLine>
  <ItemName>Vedenie účtovníctva za 2Q 2013</ItemName>
  <PeriodFromDate xsi:nil="true" />
  <PeriodToDate xsi:nil="true" />
  <InvoicedQuantity>3</InvoicedQuantity>
  <UnitPriceTaxExclusiveAmount>200</UnitPriceTaxExclusiveAmount>
  <UnitPriceTaxInclusiveAmount>240</UnitPriceTaxInclusiveAmount>
  <UnitPriceTaxAmount>40</UnitPriceTaxAmount>
</SingleInvoiceLine>
<TaxCategorySummaries>
  <TaxCategorySummary>
    <ClassifiedTaxCategory>0.2</ClassifiedTaxCategory>
    <TaxExclusiveAmount>600</TaxExclusiveAmount>
    <TaxInclusiveAmount>720</TaxInclusiveAmount>
    <TaxAmount>120</TaxAmount>
    <AlreadyClaimedTaxExclusiveAmount>0</AlreadyClaimedTaxExclusiveAmount>
    <AlreadyClaimedTaxInclusiveAmount>0</AlreadyClaimedTaxInclusiveAmount>
    <AlreadyClaimedTaxAmount>0</AlreadyClaimedTaxAmount>
    <DifferenceTaxExclusiveAmount>600</DifferenceTaxExclusiveAmount>
    <DifferenceTaxInclusiveAmount>720</DifferenceTaxInclusiveAmount>
    <DifferenceTaxAmount>120</DifferenceTaxAmount>
  </TaxCategorySummary>
</TaxCategorySummaries>
<MonetarySummary>
  <TaxExclusiveAmount>600</TaxExclusiveAmount>
  <TaxInclusiveAmount>720</TaxInclusiveAmount>
  <TaxAmount>120</TaxAmount>
  <AlreadyClaimedTaxExclusiveAmount>0</AlreadyClaimedTaxExclusiveAmount>
  <AlreadyClaimedTaxInclusiveAmount>0</AlreadyClaimedTaxInclusiveAmount>
  <AlreadyClaimedTaxAmount>0</AlreadyClaimedTaxAmount>
  <DifferenceTaxExclusiveAmount>600</DifferenceTaxExclusiveAmount>
  <DifferenceTaxInclusiveAmount>720</DifferenceTaxInclusiveAmount>
  <DifferenceTaxAmount>120</DifferenceTaxAmount>
  <PayableRoundingAmount>0</PayableRoundingAmount>
  <PaidDepositsAmount>0</PaidDepositsAmount>
  <PayableAmount>720</PayableAmount>
</MonetarySummary>
```

```
</Invoice>
<Pay xsi:type="Pay" xmlns="http://www.bysquare.com/bysquare">
  <Payments>
    <Payment>
      <PaymentOptions>paymentorder</PaymentOptions>
      <Amount xsi:nil="true" />
      <CurrencyCode>EUR</CurrencyCode>
      <PaymentDueDate xsi:nil="true" />
      <BankAccounts>
        <BankAccount>
          <IBAN>AA0012345678901234567890</IBAN>
          <BIC>AAAABB11</BIC>
        </BankAccount>
      </BankAccounts>
      <VariableSymbol>123457890</VariableSymbol>
      <ConstantSymbol>1234</ConstantSymbol>
      <SpecificSymbol>123457890</SpecificSymbol>
    </Payment>
  </Payments>
</Pay>
<InvoiceItems xsi:type="InvoiceItems" xmlns="http://www.bysquare.com/bysquare">
  <InvoiceID>1</InvoiceID>
  <FirstInvoiceLineID>1</FirstInvoiceLineID>
  <InvoiceLines>
    <InvoiceLine>
      <ItemName>Name</ItemName>
      <PeriodFromDate>2016-03-02T00:00:00</PeriodFromDate>
      <PeriodToDate>2016-03-04T00:00:00</PeriodToDate>
      <InvoicedQuantity>1</InvoicedQuantity>
      <UnitPriceTaxExclusiveAmount>1</UnitPriceTaxExclusiveAmount>
      <UnitPriceTaxInclusiveAmount>2</UnitPriceTaxInclusiveAmount>
      <UnitPriceTaxAmount>1</UnitPriceTaxAmount>
      <LineTaxExclusiveAmount>1</LineTaxExclusiveAmount>
      <LineTaxInclusiveAmount>2</LineTaxInclusiveAmount>
      <LineTaxAmount>1</LineTaxAmount>
      <ClassifiedTaxCategory>0.5</ClassifiedTaxCategory>
    </InvoiceLine>
  </InvoiceLines>
</InvoiceItems>
<InvoiceItems xsi:type="InvoiceItems" xmlns="http://www.bysquare.com/bysquare">
  <InvoiceID>2</InvoiceID>
  <FirstInvoiceLineID>2</FirstInvoiceLineID>
  <InvoiceLines>
    <InvoiceLine>
      <ItemName>Name2</ItemName>
      <PeriodFromDate>2016-03-02T00:00:00</PeriodFromDate>
      <PeriodToDate>2016-03-04T00:00:00</PeriodToDate>
      <InvoicedQuantity>1</InvoicedQuantity>
      <UnitPriceTaxExclusiveAmount>2</UnitPriceTaxExclusiveAmount>
      <UnitPriceTaxInclusiveAmount>3</UnitPriceTaxInclusiveAmount>
      <UnitPriceTaxAmount>1</UnitPriceTaxAmount>
      <LineTaxExclusiveAmount>2</LineTaxExclusiveAmount>
      <LineTaxInclusiveAmount>3</LineTaxInclusiveAmount>
      <LineTaxAmount>1</LineTaxAmount>
      <ClassifiedTaxCategory>0.5</ClassifiedTaxCategory>
    </InvoiceLine>
  </InvoiceLines>
</InvoiceItems>
</Documents>
</BySquareXmlDocuments>
```

VÝSTUP – verzia 1
<pre><StringSetOfCodes xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"> <InvoiceBySquare>2001G0804E3....string code of Invoice</InvoiceBySquare> <PayBySquare>2001G0804E3.... string code of Pay</PayBySquare> <ItemsBySquare> <string> 2001G0804E3.... string code of Item </string> </ItemsBySquare> </StringSetOfCodes></pre>
VÝSTUP – verzia 2
<pre><StringSetOfCodes_v2 xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"> <InvoiceBySquare>2001G0804E3....string code of Invoice</InvoiceBySquare> <PayBySquare>2001G0804E3.... string code of Pay</PayBySquare> <ItemsBySquare> <string> 2001G0804E3.... string code of Item </string> </ItemsBySquare> <PackageConsumption> <GenerateActionsTotal>100</GenerateActionsTotal> <GenerateActionsRemaining>100</GenerateActionsRemaining> <DecodeActionsTotal>20</DecodeActionsTotal> <DecodeActionsRemaining>9</DecodeActionsRemaining> </PackageConsumption> </StringSetOfCodes_v2></pre>

1.6 KONTROLA PRIHLASOVACÍCH ÚDAJOV

Služba skontroluje zadané používateľské údaje ak sú údaje správne vráti detail o klientovi.

TYP	POST
CONTENT TYPE	text/xml
ADRESA	https://app.bysquare.com/api/CheckLoginData
VSTUP	
<pre><BySquareCredentials> <Username>test@test.test</Username> <Password>test@test.test</Password> </BySquareCredentials></pre>	
VÝSTUP	
<pre><BySquareUserData xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"> <Username>test@test.test</Username> <IsLoginDataValid>true</IsLoginDataValid> <MenoKontaktnejOsoby>kontakt</MenoKontaktnejOsoby> <Telefon>tel</Telefon> </BySquareUserData></pre>	

2 CHYBOVÉ STAVY

Aplikácia má definovanú individuálnu dátovú štruktúru pre výstupné dáta, pre každú metódu. Chybové hlášky v tejto štruktúre nie sú pokryté, pretože na vrátenie chybového stavu sa používa iná jednotná dátová štruktúra.

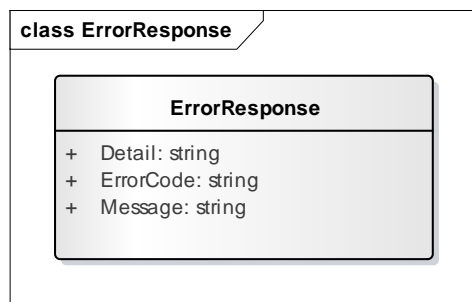
Konzument API rozhrania môže rozlíšiť úspešné volanie od chybového podľa návratového HTTP kódu. V prípade úspešného volania sa vráti kód 200.

V prípade chyby sa môže vrátiť niektorý z nasledujúcich kódov:

- 400 – V aplikácii nastala chyba, ktorej detail a popis je posielaný klientovi v odpovedi. Odpoveď je vrátená štruktúra ErrorResponse, ktorá je popísaná nižšie.
- 401 – Používateľské meno alebo heslo nebolo správne, alebo je používateľ zablokovaný.
- 500 – Nastala neznáma chyba, kontaktujte prevádzkovateľa systému.

2.1 ŠTRUKTÚRA CHYBOVÁ HLÁŠKA

V prípade chyby 400 vráti API štruktúru ErrorResponse podľa nasledujúceho diagramu.



Polia Message a Detail môžu nadobúdať ľubovoľnú textovú hlášku v anglickom jazyku, ktorá popisuje vzniknutú chybu.

Pole ErrorCode obsahuje kód chyby. Kód chyby jednoznačne identifikuje o akú chybu sa jedná a klient API sa môže podľa nej rozhodnúť ako zareagovať v prípade chyby.

Systém v súčasnosti môže vrátiť jednu z nasledujúcich hodnôt:

- E300 – Chybný vstup. V Message a Detail je informácia, ktoré pole polia na vstupe nie sú správne vyplnené.
- E601 – Balík prihláseného používateľa je vyčerpaný a nie je možné vykonať požadovanú akciu. Pre pokračovanie používania služieb bysquare je potrebné zakúpiť väčší balíček služieb.
- E999 – Bližšie nešpecifikovaná chyba.