Intelligent Webforms

Interact with users using webforms

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Program

- Introduction
- Why a new extension for creating webforms?
- The FormMaker framework concept
- The FormMaker workflow
- What can I do with the FormMaker
- What has been changed since T3CON06
- Demo 'FormMaker in action'
- Sneak preview developments
- Questions and Answers

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Introduction

- **My name: Rogier Hosman**
  Consultant & one of 3 founders

- **Drecomm Internet Intelligence BV**
  - Founded in 1999
  - 30+ full time employees
  - 18 Typo3 developers
  - Using TYPO3 since version 3.3

Rabobank P&G SYMPAC NUON PPG

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Why a new extension for creating webforms

- Multiple page webforms
- Using TYPO3 page & content operations:
  - Setting user rights within form objects
  - Start /Stop dates on fields
  - Copy /Paste elements /pages
  - Shortcut to pages /elements
  - Use insert record functions
  - Using back-end user rights for formobjects
  - Including TYPO3 content objects in forms, like images, movies etc
- Interaction with 3rd party software
- Reusable form components

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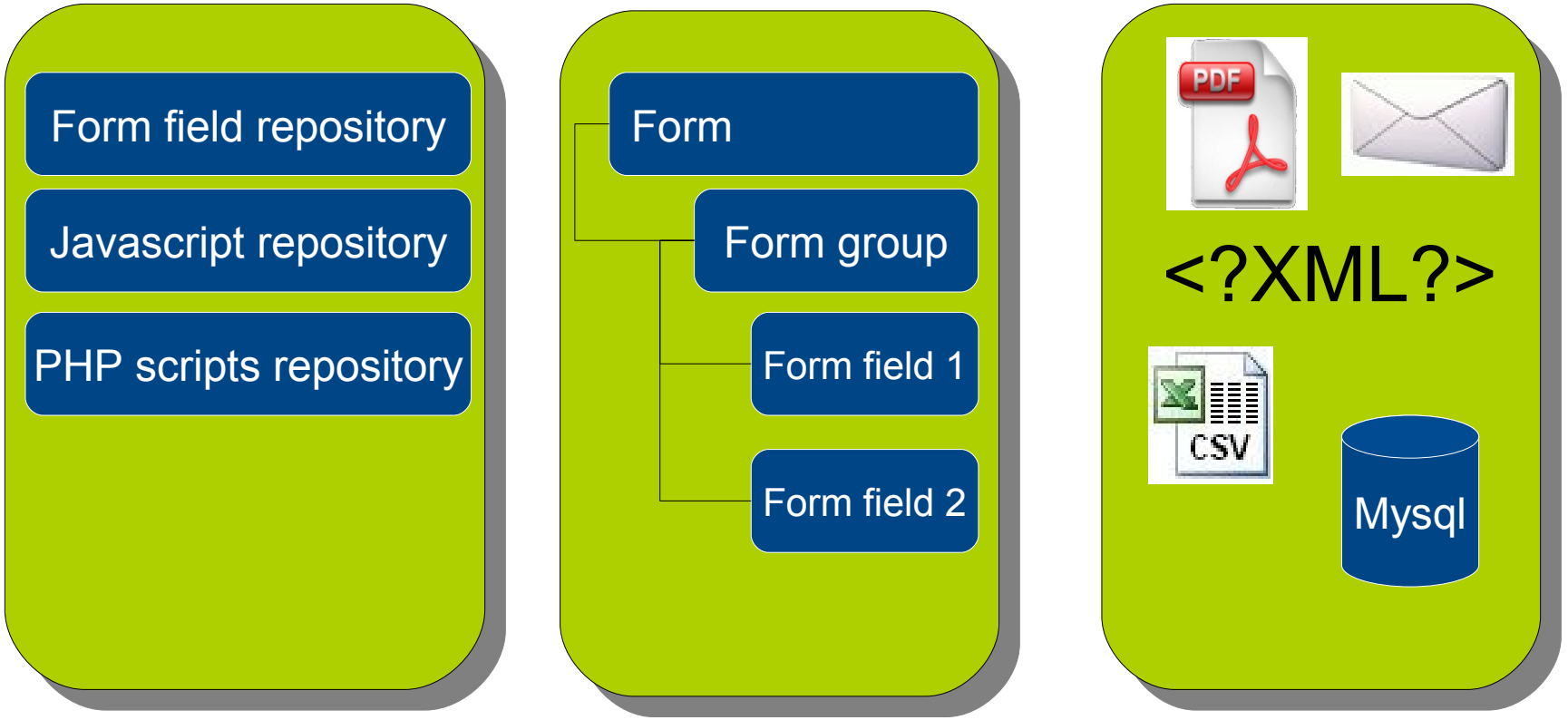
Concepts of the FormMaker framework



RE USABILITY + PREDEFINED FORMGROUPS + FLEXIBLE OUTPUT

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The workflow

Configure & install

- Create field repository
- Include needed java scripts
- Include needed php scripts

1

Group fields

- Address group
  - Postal address
  - Postal code
  - Street + nr.

Operations

- Validations
- Calculations
- Data exchange

2

Output definition

- Create output type(s)
- Output generation wizzard
- Lay-out output (CSS wizzard)

3

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What has been changed since 2006

- Import & export forms, fields and repositories to other Typo3 installations
- Automated summery generator
- Reporting tool
- Soap exchange possiblities

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So what can I do with FormMaker

- Centralised control of all webforms on your site
- Re-use scripts, formobjects and form structures within one or more Typo3 installations
- Create user dependant output in any form you like
- Easily create forms using predefined structures, as simple as shortcutting to a page
- Make calculations based on user input
- Create a variety of output formats which can be distributed in various ways

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Demo

- Logics of the library
  - Formfields
  - Java scripts
  - PHP scripts
- Build formgroups
  - Multi level structure
- Enabling hidegroup functionality
- Adding javascripts (datepicker), validation
- Reporting

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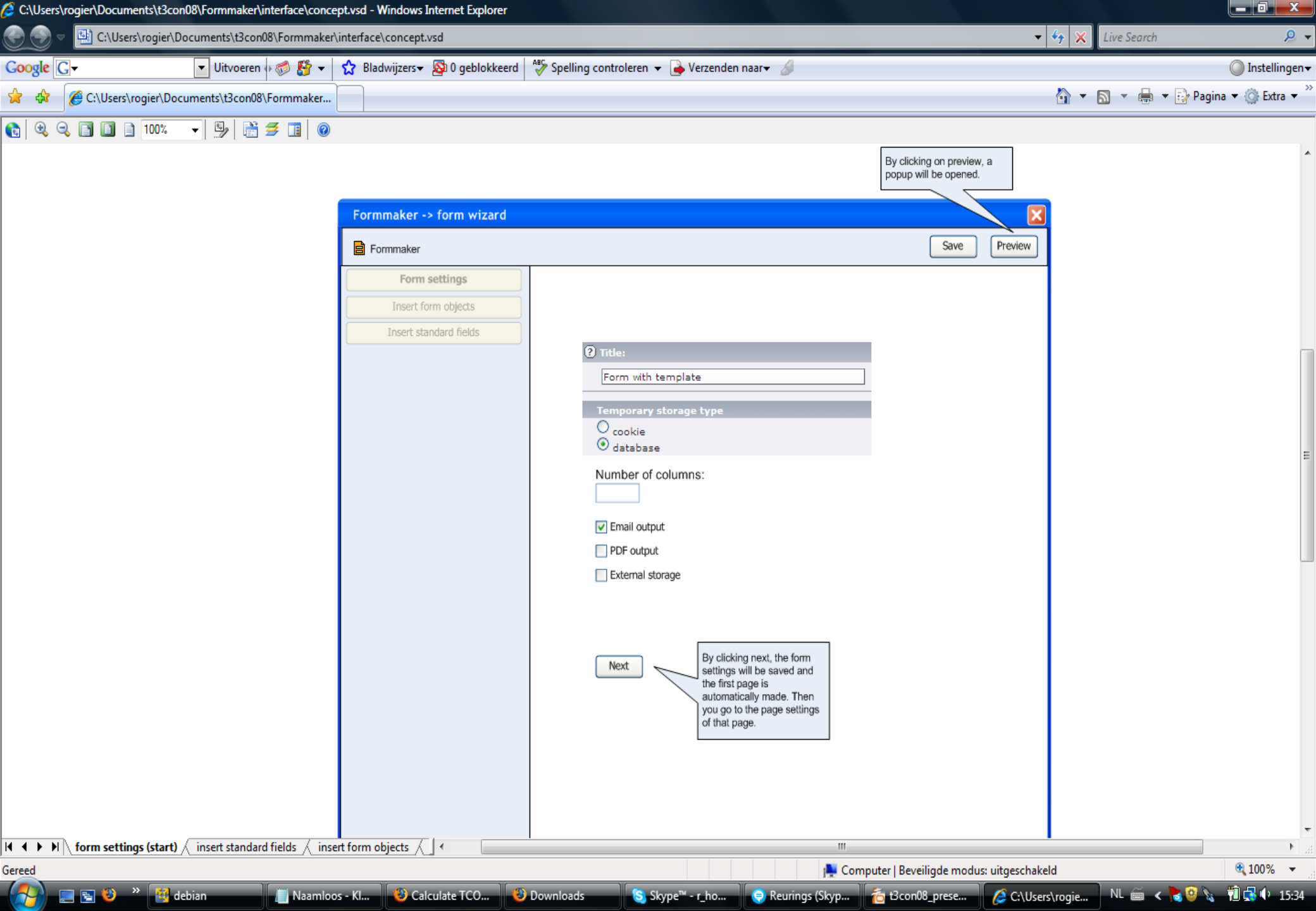
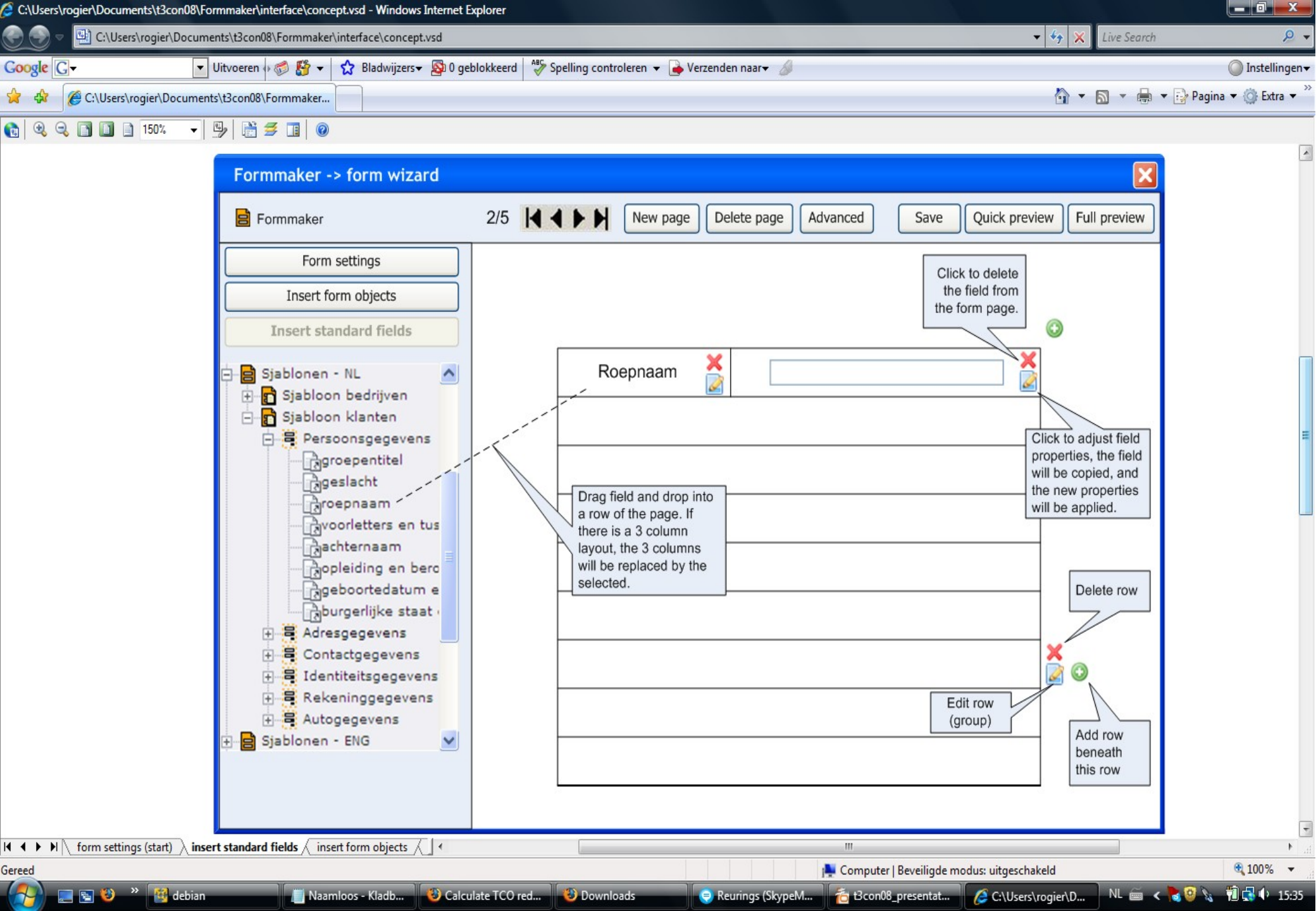
FormMaker developments

- Renewed back-end user interface
  - Front-end editing concept
  - Reduce the number of clicks needed to build forms
  - Improve acces to all functions & features


C:\Users\rogier\Documents\t3con08\Formmaker\interface\concept.vsd - Windows Internet Explorer
By clicking on preview, a popup will be opened.
Formmaker -> form wizard
Formmaker
Save
Preview
Form settings
Insert form objects
Insert standard fields
Title:
Form with template
Temporary storage type
cookie
database
Number of columns:
Email output
PDF output
External storage
Next
By clicking next, the form settings will be saved and the first page is automatically made. Then you go to the page settings of that page.
form settings (start)
insert standard fields
insert form objects
Gereed
Computer | Beveiligde modus: uitgeschakeld
100%


C:\Users\rogier\Documents\t3con08\Formmaker\interface\concept.vsd - Windows Internet Explorer
Formmaker -> form wizard
Formmaker
2/5
New page
Delete page
Advanced
Save
Quick preview
Full preview
Form settings
Insert form objects
Insert standard fields
Sjablonen - NL
Sjabloon bedrijven
Sjabloon klanten
Persoonsgegevens
groepentitel
geslacht
roepnaam
voorletters en tus
achternaam
opleiding en berc
geboortedatum e
burgerlijke staat
Adresgegevens
Contactgegevens
Identiteitsgegevens
Rekeninggegevens
Autogegevens
Sjablonen - ENG
Roepnaam
Click to delete the field from the form page.
Click to adjust field properties, the field will be copied, and the new properties will be applied.
Drag field and drop into a row of the page. If there is a 3 column layout, the 3 columns will be replaced by the selected.
Delete row
Edit row (group)
Add row beneath this row
form settings (start)
insert standard fields
insert form objects
Gereed
Computer | Beveiligde modus: uitgeschakeld
100%
debian
Naamloos - Kladb...
Calculate TCO red...
Downloads
Reurings (SkypeM...
t3con08_presentat...
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15:35

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Any questions?

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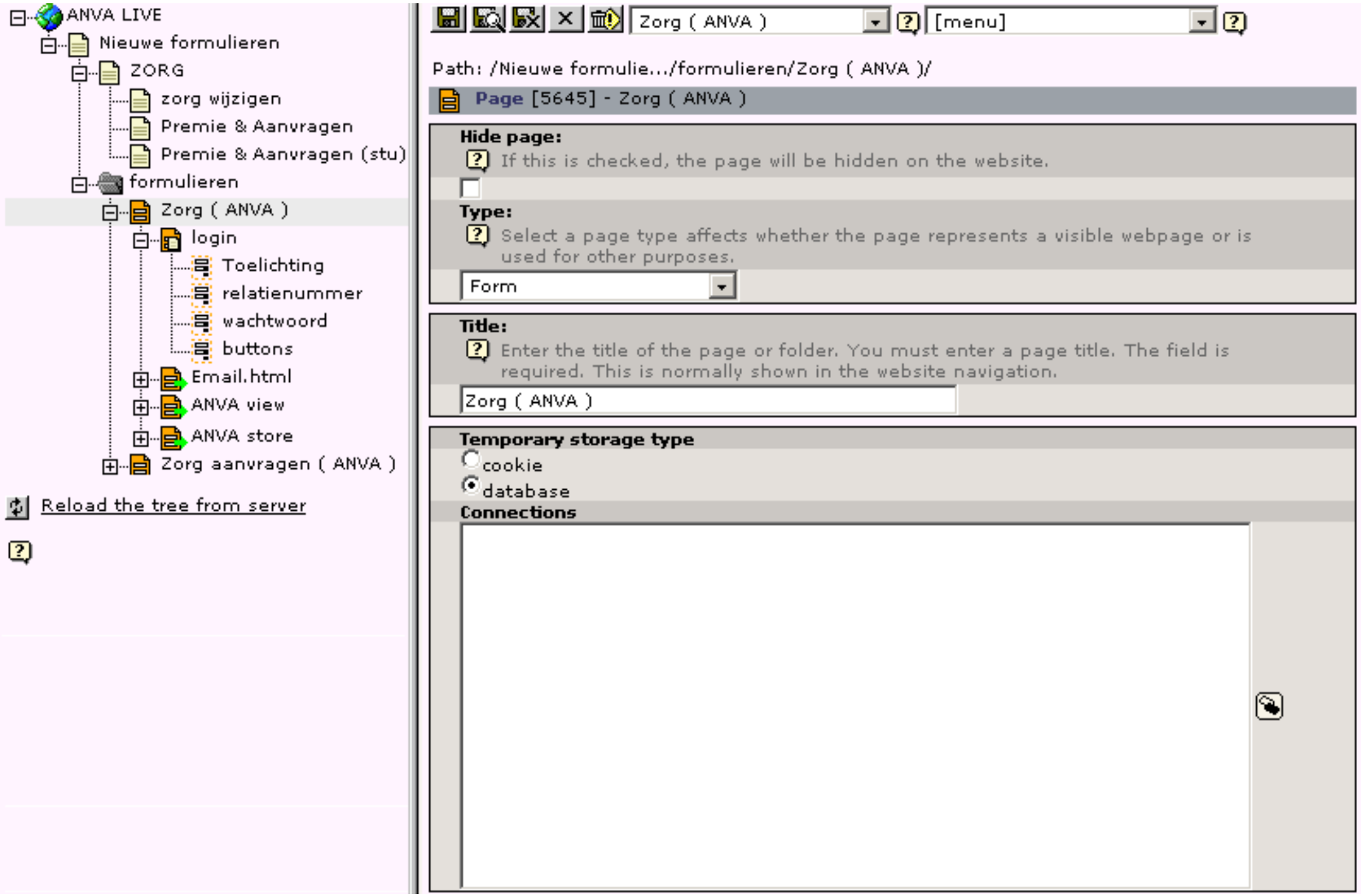
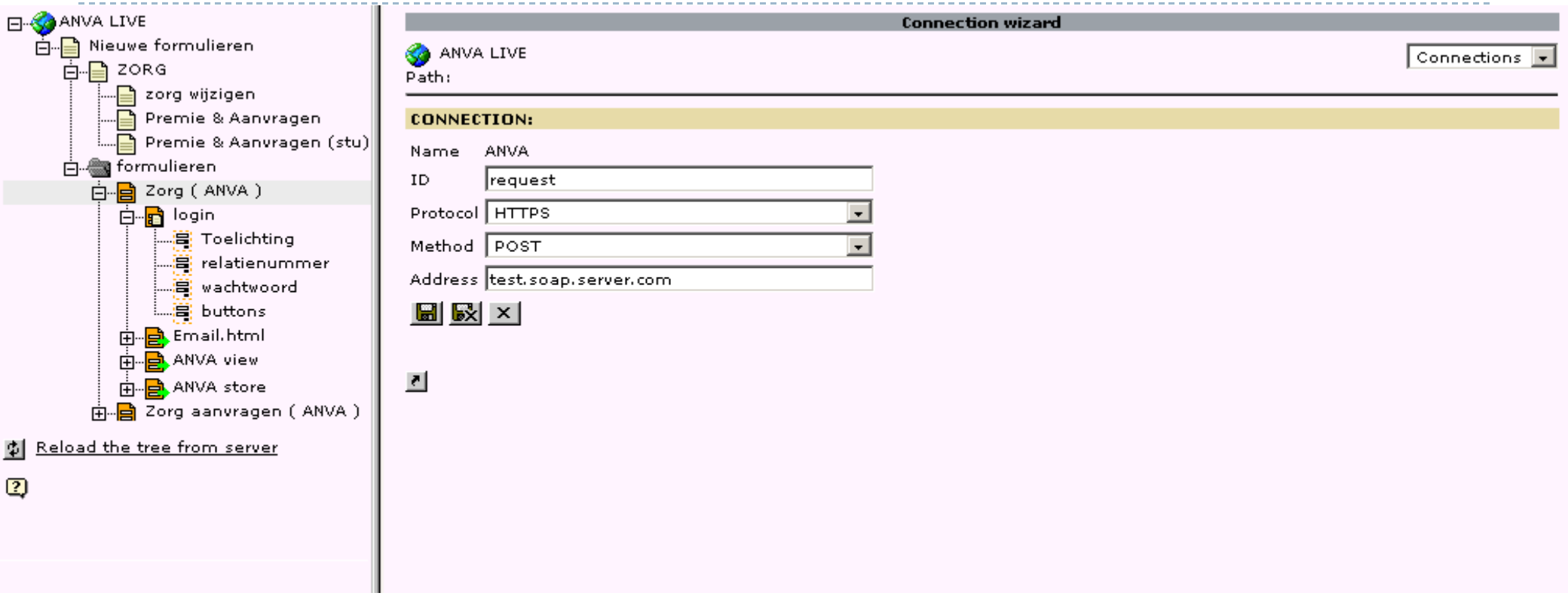
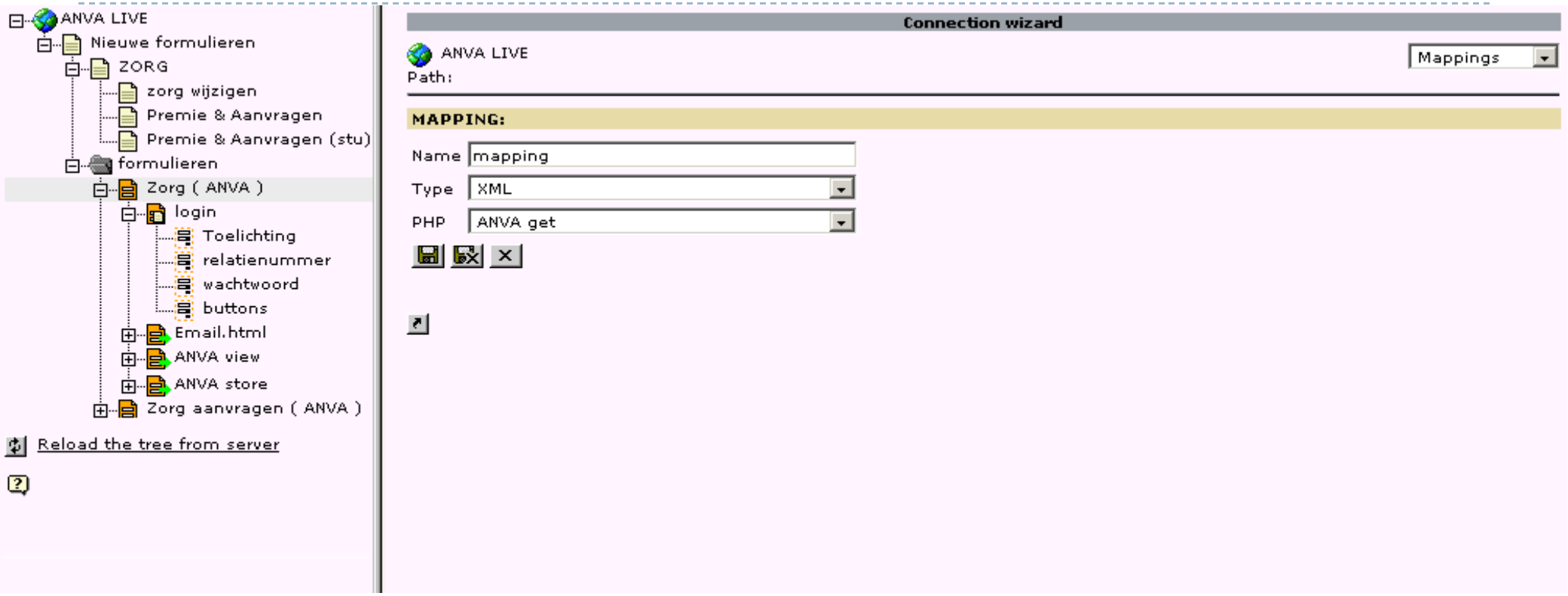
Other of our interesting developments...

- Content Creation templates
  - Create input templates based on typo3 content elements
- Knowledgebase extension
  - Taxonomy based tagging
  - Dynamic content relations based on tagging
- Front-End language file editor
  - Modify language markers at the front-end, no more search for labels


ANVA LIVE
Nieuwe formulieren
ZORG
zorg wijzigen
Premie & Aanvragen
Premie & Aanvragen (stu)
formulieren
Zorg (ANVA)
login
Toelichting
relatienummer
wachtwoord
buttons
Email.html
ANVA view
ANVA store
Zorg aanvragen (ANVA)
Reload the tree from server
Zorg (ANVA)
[menu]
Path: /Nieuwe formulie.../formulieren/Zorg (ANVA)/
Page [5645] - Zorg (ANVA)
Hide page:
If this is checked, the page will be hidden on the website.
Type:
Select a page type affects whether the page represents a visible webpage or is used for other purposes.
Form
Title:
Enter the title of the page or folder. You must enter a page title. The field is required. This is normally shown in the website navigation.
Zorg (ANVA)
Temporary storage type
cookie
database
Connections


ANVA LIVE
Nieuwe formulieren
ZORG
zorg wijzigen
Premie & Aanvragen
Premie & Aanvragen (stu)
formulieren
Zorg (ANVA)
login
Toelichting
relatienummer
wachtwoord
buttons
Email.html
ANVA view
ANVA store
Zorg aanvragen (ANVA)
Reload the tree from server
Connection wizard
ANVA LIVE
Path:
Connections
CONNECTION:
Name ANVA
ID request
Protocol HTTPS
Method POST
Address test.soap.server.com


ANVA LIVE
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Premie & Aanvragen
Premie & Aanvragen (stu)
formulieren
Zorg (ANVA)
login
Toelichting
relatienummer
wachtwoord
buttons
Email.html
ANVA view
ANVA store
Zorg aanvragen (ANVA)
Reload the tree from server
Connection wizard
ANVA LIVE
Path:
Mappings
MAPPING:
Name mapping
Type XML
PHP ANVA get

Settings

ANVA LIVE
Path: /

PHP repository

INSTRUCTIONS:

Here you can add, modify, hide or remove PHP functions using plain PHP coding that can be used with expressions throughout the forms in this TYPO3 installation.

PHP #248:

Name: ANVA get

Description: Converts ANVA response XML to array and stores it in current session

Parameters: values,index

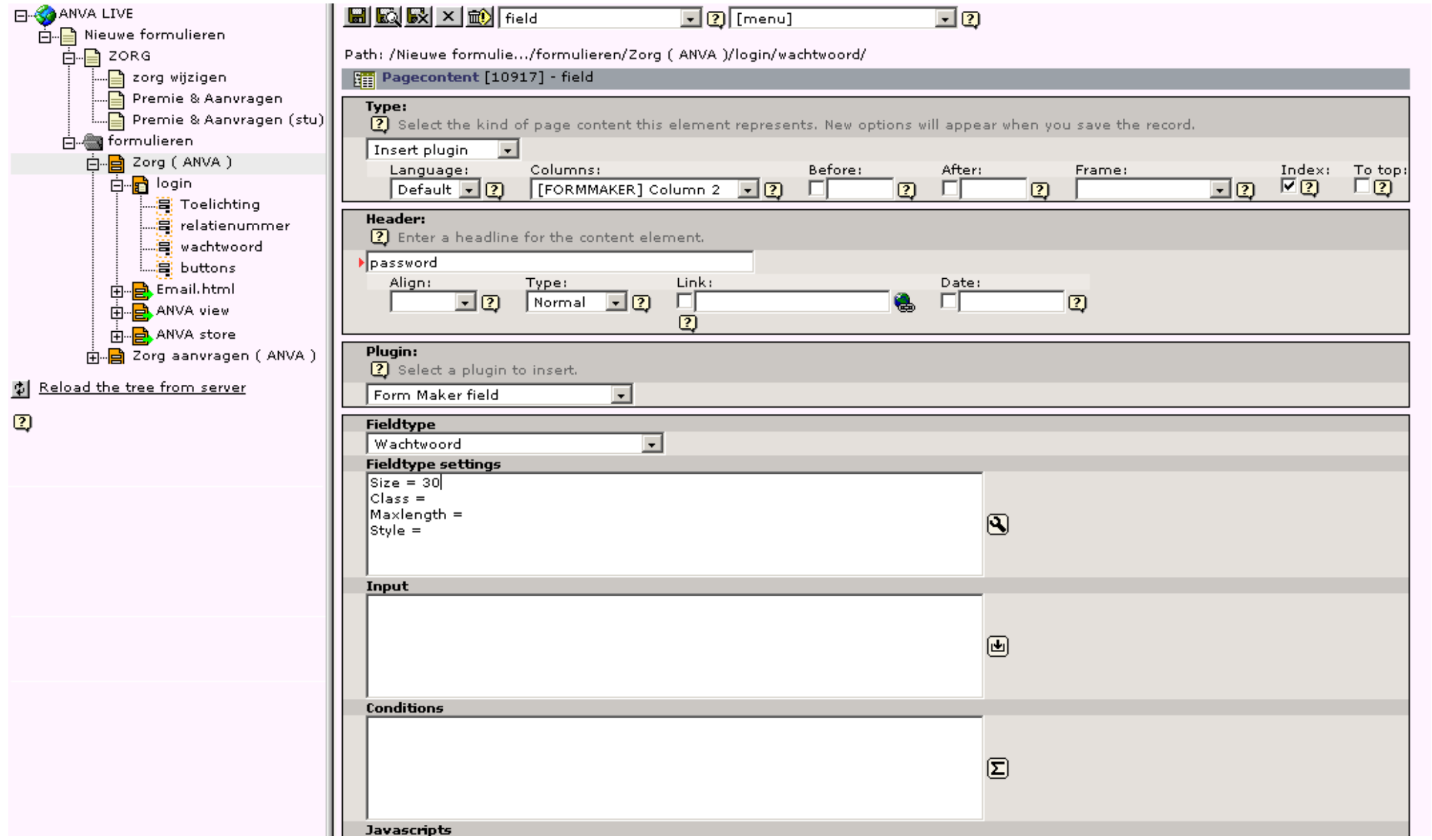
The function name and parameter list do not have to be included in the PHP code.

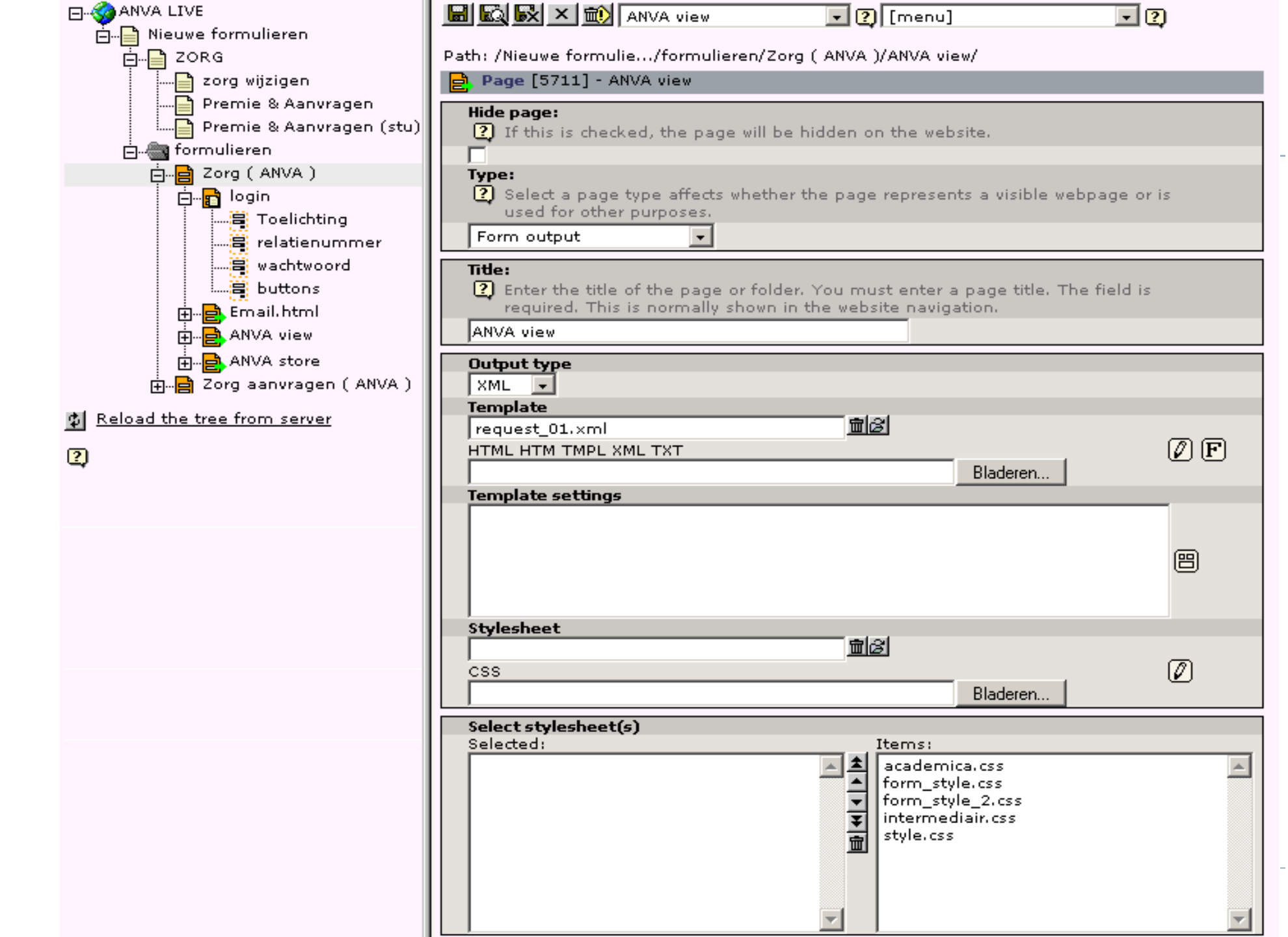
PHP:

```
$rs = Array();
$rID = $index['RELATIE'][0];

$i = $rID;

$sID = Array(
  'RELATIE' => 0,
  'POLIS' => -1,
  'POLISDEKKING' => -1,
  'PAKKET' => -1,
  'PAKKETPOLIS' => -1,
  'PAKKETPOLISDEKKING' => -1
);

$category = Array('RELATIE');
while (
  count($index) > 3 && (
    $values[$i]['tag'] != 'RELATIE' || (
      $values[$i]['type'] != 'close' &&
      $values[$i]['type'] != 'complete'
    )
  )
) {
  switch ($values[$i]['type']) {
    case 'open':
      switch ($values[$i]['tag']) {
        case 'PAKKETTEN':
          $category[] = 'PAKKET';
        break;
        case 'POLISSEN':
          switch ($category[count($category)-1]) {
            case 'RELATIE':
              $category[] = 'POLIS';
```

Hidden: ☐

Locked: ☐


ANVA LIVE
Nieuwe formulieren
ZORG
zorg wijzigen
Premie & Aanvragen
Premie & Aanvragen (stu)
formulieren
Zorg (ANVA)
login
Toelichting
relatienummer
wachtwoord
buttons
Email.html
ANVA view
ANVA store
Zorg aanvragen (ANVA)
Reload the tree from server
field
[menu]
Path: /Nieuwe formulie.../formulieren/Zorg (ANVA)/login/wachtwoord/
Pagecontent [10917] - field
Type:
Select the kind of page content this element represents. New options will appear when you save the record.
Insert plugin
Language:
Default
Columns:
[FORMMAKER] Column 2
Before:
After:
Frame:
Index:
To top:
Header:
Enter a headline for the content element.
password
Align:
Type:
Normal
Link:
Date:
Plugin:
Select a plugin to insert.
Form Maker field
Fieldtype
Wachtwoord
Fieldtype settings
Size = 30
Class =
Maxlength =
Style =
Input
Conditions
Javascripts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login
Toelichting
relatienummer
wachtwoord
buttons
Email.html
ANVA view
ANVA store
Zorg aanvragen (ANVA)
Reload the tree from server
ANVA view
[menu]
Path: /Nieuwe formulie.../formulieren/Zorg (ANVA)/ANVA view/
Page [5711] - ANVA view
Hide page:
If this is checked, the page will be hidden on the website.
Type:
Select a page type affects whether the page represents a visible webpage or is used for other purposes.
Form output
Title:
Enter the title of the page or folder. You must enter a page title. The field is required. This is normally shown in the website navigation.
ANVA view
Output type
XML
Template
request_01.xml
HTML HTM TMPL XML TXT
Bladeren...
Template settings
Stylesheet
CSS
Bladeren...
Select stylesheet(s)
Selected:
Items:
academica.css
form_style.css
form_style_2.css
intermediair.css
style.css

- ANVA LIVE
  - Nieuwe formulieren
    - ZORG
      - zorg wijzigen
      - Premie & Aanvragen
      - Premie & Aanvragen (stu)
    - formulieren
      - Zorg (ANVA)
        - login
          - Toelichting
          - relatienummer
          - wachtwoord
          - buttons
        - Email.html
        - ANVA view
        - ANVA store
      - Zorg aanvragen (ANVA)

Reload the tree from server

File editor

ANVA LIVE

Path:

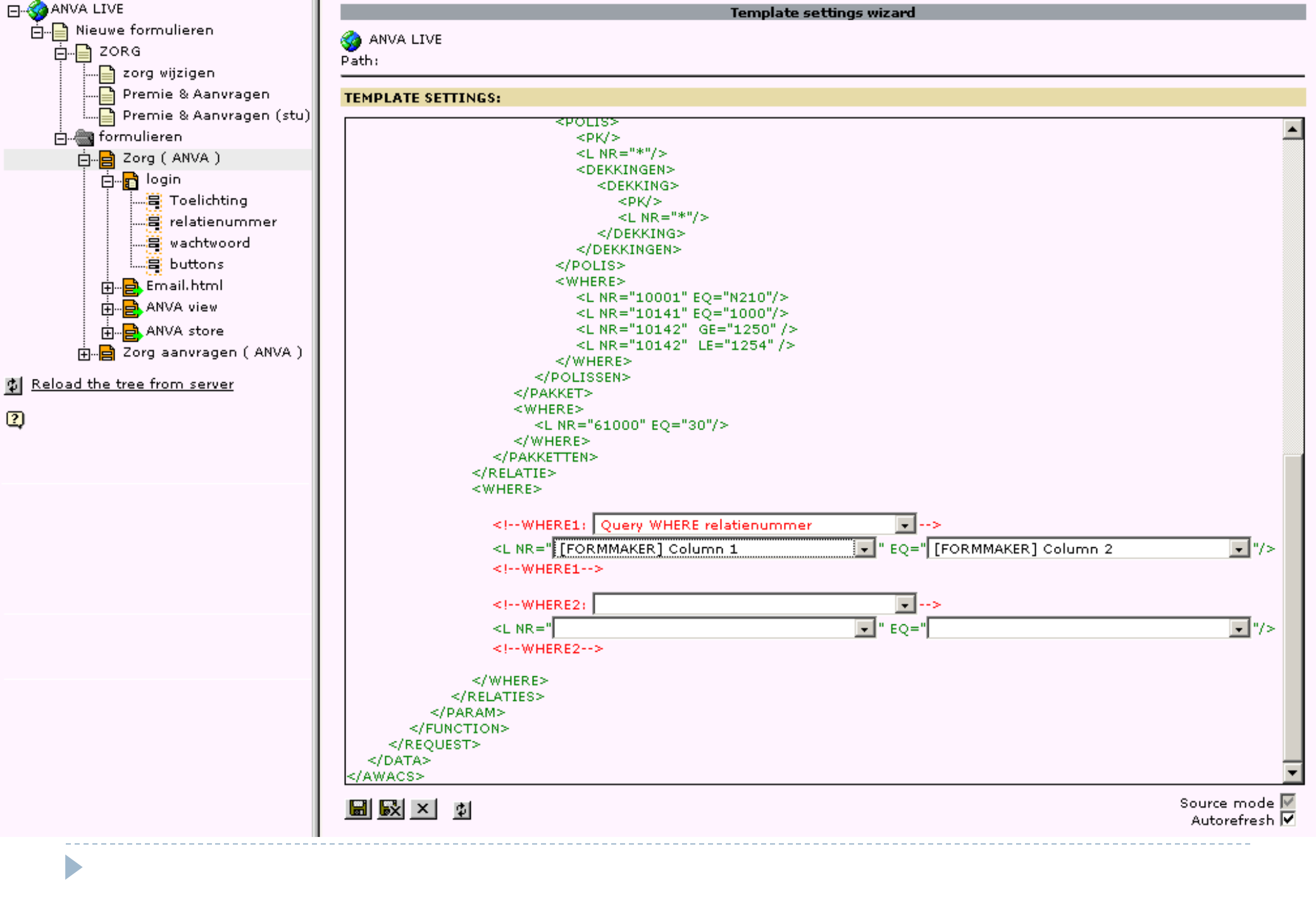
FILE EDITOR:

```
                                    <PAKKETTEN>
                                        <PAKKET>
                                            <PK/>
                                            <L NR="*"/>
                                            <POLISSEN>
                                                <POLIS>
                                                    <PK/>
                                                    <L NR="*"/>
                                                    <DEKKINGEN>
                                                        <DEKKING>
                                                            <PK/>
                                                            <L NR="*"/>
                                                        </DEKKING>
                                                    </DEKKINGEN>
                                                </POLIS>
                                                <WHERE>
                                                    <L NR="10001" EQ="N210"/>
                                                    <L NR="10141" EQ="1000"/>
                                                    <L NR="10142"  GE="1250" />
                                                    <L NR="10142"  LE="1254" />
                                                </WHERE>
                                            </POLISSEN>
                                        </PAKKET>
                                        <WHERE>
                                            <L NR="61000" EQ="30"/>
                                        </WHERE>
                                    </PAKKETTEN>
                                </RELATIE>
                                <WHERE>

                                    <!--WHERE1-->
                                    <L NR="###FIELD_ID###" EQ="###FIELD_VALUE###"/>
                                    <!--WHERE1-->

                                    <!--WHERE2-->
                                    <L NR="###FIELD_ID###" EQ="###FIELD_VALUE###"/>
                                    <!--WHERE2-->

                                </WHERE>
                            </RELATIES>
                        </PARAM>
                    </FUNCTION>
```


ANVA LIVE
Nieuwe formulieren
ZORG
zorg wijzigen
Premie & Aanvragen
Premie & Aanvragen (stu)
formulieren
Zorg (ANVA)
login
Toelichting
relatienummer
wachtwoord
buttons
Email.html
ANVA view
ANVA store
Zorg aanvragen (ANVA)
Reload the tree from server
Template settings wizard
ANVA LIVE
Path:
TEMPLATE SETTINGS:
<POLIS>
<PK/>
<L NR="*"/>
<DEKKINGEN>
<DEKKING>
<PK/>
<L NR="*"/>
</DEKKING>
</DEKKINGEN>
</POLIS>
<WHERE>
<L NR="10001" EQ="N210"/>
<L NR="10141" EQ="1000"/>
<L NR="10142" GE="1250" />
<L NR="10142" LE="1254" />
</WHERE>
</POLISSEN>
</PAKKET>
<WHERE>
<L NR="61000" EQ="30"/>
</WHERE>
</PAKKETTEN>
</RELATIE>
<WHERE>
<!--WHERE1:
Query WHERE relatienummer
-->
<L NR="
[FORMMAKER] Column 1
" EQ="
[FORMMAKER] Column 2
"/>
<!--WHERE1-->
<!--WHERE2:
-->
<L NR="
" EQ="
"/>
<!--WHERE2-->
</WHERE>
</RELATIES>
</PARAM>
</FUNCTION>
</REQUEST>
</DATA>
</AWACS>
Source mode
Autorefresh