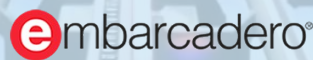




A rollercoaster ride through the company

- Tyre Trading International

By Daan van der Werf



Take a seat at Your own risk



Wholesale Tyre Market

- > 1 milion tyres available
- > 40.000 warehouse locations
- > 72.000 customers
- Warehouses in The Netherlands (2) & Germany (1)
- Mobile delivery (container & package/parcel shipment)
- Development Web & App
- Databases ERP/CRM systems → breakout the standards!
- Where service became passion.



Tyre Trading International
Delphi Tokyo 10.2 Development

Tyre Trading International

Film



Popcorn time ! Start the movie



Linking departments by Delphi

Warehouse & Logistics

IT Development

Marketing

Purchase

Backoffice

Financial





Transforming issues into great solutions

My 6 practice guidelines.

1. Get in the field
2. Appoint Key users
3. Share your developers strategy
4. Do not reinvent the wheel
5. Kiss
6. Don't worry, solutions will arise

Keep the good vibes up! You know you are working on something nice!



(1) Get in the field to really understand the full scenario

Understand the business you are in.

Spent a day in the field.

Monitor current steps of processes.

Stay passive,
but dare to ask questions!

There are no problems.
You have a box full of solutions!

Don't come up with solutions yet,
surprise them.





(2) Communication with key users

Knows all the ins and outs in the field

Takes care of the project's progression.

Every test is a success!

Gets feedback from the field.

Gives instructions to the field.

Collects modernisations





(3) Share your developers strategy





(4) Do not try to reinvent the wheel..
(we are in a tyrebusiness, dont forget...)

Keep things RAD

Components are helping us !

Respect old protocols & formats

Yes, GIT, Google & Stack are also my friends.



Keep it basic but enjoy the depths

Flatten your communication

Think in grids

By not getting it all at once,
it could lead to better results.





(6) Best solutions are born at times & places we regular mark as non regular.





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Enough....





(7) Every test is successful and gives
You feedback for improvement.

**Keep up the good
vibes!**

You know you are working on
something nice!



Now lets jump in
the software!





Technical usage

Components

- Indy (basic routines)
- Mydaq (DB connectivity)
- REST (web API)
- TMS (userinterface)
- ChillKat lib (XML)

File extensions

.XML,.CSV,*.TXT,*.EDI,
.DAT,.EML,*.INI,*.TTI

Protocols

FTP, SFTP, SSH, HTTP,
HTTPS, MySQL, REST,
SMTP,

Database connectivity

- Foxpro
- MsSQL
- MySQL
- Firebird
- Postgress

VCL & FMX

Operating systems

Linux, IOS, Android, Win10

Cloud & Kubernetes

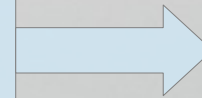
Scaling databases
Backup



XML, CSV & TXT Order Converter From Flat to Calculations.

Win10 platform
Converting all type of orders
for order automation

XML Format 72



XML template 74



TTI XML, CSV, TXT Order Converter [32 BIT]

185-60 R15 TL 84H RHP780P

XML templates (arrow pointing to Plusfact codes DB)

microservice templates (arrow pointing to Motorbanden DB)

Template Grid (arrow pointing to field list)

Final XML (arrow pointing to XML output)

Gathering XML, CSV & TXT order files to convert. (arrow pointing to Imported file log)

Maak backup van origineel bestand
 Log geïmporteerde bestanden
 Live changes mode (edit mode)
 Exporteer naar Account View
 Converteer naar UTF-8 format
 Maak Kopie van aangeboden Orders

Promo Acties
 Update bank details debiteuren

[Monitoring import folder]
 Geen nieuw bestand meer aanwezig

Start Scan Stop Scan Toon trigger

Open folder Import folder W:/accountview/avs,
 Reponse file Administratie TTI-2018
 Request File Network drive: w:/AccountView

```
<?xml version="1.0" encoding="Windows-1252" standalone="yes" ?>
<AVXML>
  <SIGNONMSGRS>
    <DTSERVER>2018-07-09T19:12:54</DTSERVER>
    <APPID>ACCOUNTVIEW</APPID>
    <APPPER>0905A</APPPER>
  </SIGNONMSGRS>
  <SQLQUERYRS> <crs_select>
```

Matches 32 Sjabloon 6 Conditie 19 DPD

Remove BankNode & Import AV 0

Imported file log 3046

- order_2376567_1.xml
- 2018-07-09_994810905.xml
- From((rfa@goodwreel.de)_ID(512942_2)_orders.csv
- From((TTI@deli.com)_ID(512941_2)_35478576.xml
- 2018-07-09_994840905.xml
- 2018-07-09_19-02-03_3907027-6447703.xml
- From((Bactofrice_-_TwenTyre_(Bactofrice@twenttyre.com))_ID(512940_2)
- _order_23765556.xml
- order_2376556.xml
- order_2376557.xml
- order_2376558.xml
- order_2376559.xml
- order_2376560.xml
- order_2376561.xml
- order_2376562.xml
- order_2376563.xml
- order_2376564.xml
- order_2376565.xml
- order_2376566.xml
- order_2376567_1.xml
- Bestelling_5374377_1.xml

Overschrijf altijd nieuwe bankinfo's vanuit 07zr orders
 (informatie: Bankcode, locatie, swift)
 Update alle 07zr debiteuren bank info's via orderstroom
 (informatie: bankrek, IBAN, bank_code)
 Update Factuur Email Adressen Force create

Snel Folder Monitor Snelheid Langzaam



Bewerk XML sjablonen

Herlaad Master XML Sjabloon Bewaar Master sjabloon

--NODE--	(14)	(15)	(16)	(17)	(18)
USERID					
USERPASS					
ADMIN	SIGNONMS	SIGNONMS			SIGNONMSGSRQ SONNRQ ADMIN *
APPID	SIGNONMS	SIGNONMS			SIGNONMSGSRQ SONNRQ APPID *
APPVER	SIGNONMS	SIGNONMS			SIGNONMSGSRQ SONNRQ APPVER *
TRNUID	EBUSMSG	EBUSMSG	SIGNONMS	CustomerR	EBUSMSGSRQ EBUSTRNRQ TRNUID *
BUSOBJ	EBUSMSG	EBUSMSG			EBUSMSGSRQ EBUSTRNRQ BUSOBJ *
RECID	EBUSMSG	EBUSMSG		BuyerParty	EBUSMSGSRQ EBUSTRNRQ ROWMODRQ REC_ID *
SUB_NR	EBUSMSG	EBUSMSG	EBUSMSG	BuyerParty	EBUSMSGSRQ EBUSTRNRQ ROWMODRQ SUB_NR *
SRC_CODE	EBUSMSG	EBUSMSG	EBUSMSG	BuyerParty	EBUSMSGSRQ EBUSTRNRQ ROWMODRQ SRC_CODE *
ACCT_NAME	EBUSMSG	EBUSMSG	EBUSMSG		EBUSMSGSRQ EBUSTRNRQ ROWMODRQ ACCT_NAME *
ACCT_NR	EBUSMSG	EBUSMSG	EBUSMSG		EBUSMSGSRQ EBUSTRNRQ BUSOBJ ACCT_NR *
ADDRESS1					EBUSMSGSRQ EBUSTRNRQ ROWMODRQ ADDRESS1 *
POST_CODE					EBUSMSGSRQ EBUSTRNRQ ROWMODRQ POST_CODE *
CITY					EBUSMSGSRQ EBUSTRNRQ ROWMODRQ CITY *
CNT_CODE					EBUSMSGSRQ EBUSTRNRQ ROWMODRQ CNT_CODE *
COUNTRY					EBUSMSGSRQ EBUSTRNRQ ROWMODRQ COUNTRY *
TEL_BUS					EBUSMSGSRQ EBUSTRNRQ ROWMODRQ TEL_BUS *
COC_CODE					
VAT NR					EBUSMSGSRQ EBUSTRNRQ ROWMODRQ VAT_NR *

Order Converter
Matching & Mapping any XML Format

COUNTRY
TEL_BUS
COC_CODE
VAT_NR
VAT_CODE
BANK_ACC
IBAN_NR
BANK_ACC
IBAN_NR2
BNK_CODE

A02NJZ0718.xml -> sjabl. 36 met 24 matches
 A02NJZ0718.xml -> sjabl. 34 met 1 matches
 A02NJZ0718.xml -> sjabl. 33 met 1 matches
 A02NJZ0718.xml -> sjabl. 32 met 4 matches
 A02NJZ0718.xml -> sjabl. 26 met 24 matches
 A02NJZ0718.xml -> sjabl. 25 met 24 matches
 A02NJZ0718.xml -> sjabl. 23 met 15 matches
 A02NJZ0718.xml -> sjabl. 22 met 5 matches
 A02NJZ0718.xml -> sjabl. 18 met 26 matches
 A02NJZ0718.xml -> sjabl. 16 met 1 matches
 A02NJZ0718.xml -> sjabl. 15 met 6 matches
 A02NJZ0718.xml -> sjabl. 14 met 6 matches
 A02NJZ0718.xml -> sjabl. 13 met 4 matches
 A02NJZ0718.xml -> sjabl. 11 met 20 matches

```
<?xml version="1.0" encoding="windows-1252" ?>
<AVXML>
  <SIGNONMSGSRQ>
    <SONNRQ>
      <DTCLIENT>2018-07-09</DTCLIENT>
      <USERID />
      <USERPASS />
      <ADMIN>TTI-2018</ADMIN>
      <APPID>TTI</APPID>
      <APPVER>0701A</APPVER>
    </SONNRQ>
  </SIGNONMSGSRQ>
  <EBUSMSGSRQ>
    <EBUSTRNRQ>
      <TRNUID>A2X00W7G0C</TRNUID>
      <BUSOBJ>AR1</BUSOBJ>
      <ROWMODRQ ALLOWADD="YES">
        <REC_ID>24120-FR</REC_ID>
        <SUB_NR>24120-FR</SUB_NR>
        <SRC_CODE>24120-FR</SRC_CODE>
      </ROWMODRQ>
      </EBUSTRNRQ>
    </EBUSMSGSRQ>
  </AVXML>
  <TRNUID>TM20101098</TRNUID>
  <BUSOBJ>SO1</BUSOBJ>
  <ROWADDRQ>
    <ORD_DATE>2018-07-09</ORD_DATE>
    <RPL_DEL>24120-FR</RPL_DEL>
    <ACCT_NAME><![CDATA[Autogarage van der Werf ]]></ACCT_NAME>
    <PERS_NAME><![CDATA[Daan van der Werf]]></PERS_NAME>
    <ADDRESS1><![CDATA[Tyredreef 123]]></ADDRESS1>
    <POST_CODE><![CDATA[1234 AB]]></POST_CODE>
    <CITY><![CDATA[TyreCity]]></CITY>
    <STEL_BUS> <![CDATA[0031 614212965]]></STEL_BUS>
    <CNT_CODE>FR</CNT_CODE>
    <COUNTRY>FRANCE</COUNTRY>
    <SHIP_MTH>DPD</SHIP_MTH>
    <SEL_CODE>DPD</SEL_CODE>
    <COMMENT1>
      <![CDATA[A02NJZ071811]]>
    </COMMENT1>
  </ROWADDRQ>

```

Overschrijf (informatie)
 Update alle (informatie)
 Update Factuur Email Adressen

Force create Snel Folder Monitor Snelheid Langzaam



(17)	(18)
	SIGNONMSGSRQ SONRQ ADMIN *
	SIGNONMSGSRQ SONRQ APPID *
	SIGNONMSGSRQ SONRQ APPVER *
MS CustomerR	EBUSMSGSRQ EBUSTRNRQ TRNUID *
	EBUSMSGSRQ EBUSTRNRQ BUSOBJ *
BuyerParty	EBUSMSGSRQ EBUSTRNRQ ROWMODRQ REC_ID *
GS BuyerParty	EBUSMSGSRQ EBUSTRNRQ ROWMODRQ SUB_NR *
GS BuyerParty	EBUSMSGSRQ EBUSTRNRQ ROWMODRQ SRC_CODE *
GS	EBUSMSGSRQ EBUSTRNRQ ROWMODRQ ACCT_NAME *

**Looping the templates
and get the best match !**

```
order_2376567_1.xml-> sjabl. 36 met 10 matches
order_2376567_1.xml-> sjabl. 34 met 1 matches
order_2376567_1.xml-> sjabl. 33 met 1 matches
order_2376567_1.xml-> sjabl. 32 met 4 matches
order_2376567_1.xml-> sjabl. 26 met 10 matches
order_2376567_1.xml-> sjabl. 25 met 10 matches
order_2376567_1.xml-> sjabl. 23 met 7 matches
order_2376567_1.xml-> sjabl. 22 met 5 matches
order_2376567_1.xml-> sjabl. 18 met 9 matches
order_2376567_1.xml-> sjabl. 16 met 1 matches
order_2376567_1.xml-> sjabl. 15 met 6 matches
order_2376567_1.xml-> sjabl. 14 met 6 matches
order_2376567_1.xml-> sjabl. 13 met 4 matches
order_2376567_1.xml-> sjabl. 11 met 16 matches
```

```
if (1 = 1) then //just loop !
begin
i:=0;
k:=0;
f:= '2';
j:= form1.AdvStringGrid2.RowCount;
for k := 1 to j do
begin
for i := 1 to 321 do
form1.AdvStringGrid2.Cells[1,i]:= xml.ChilkatPath(form1.AdvStringGrid2.Cells[strToInt(IntToStr(k)),i]);
Inc(i);
i:=0;
for i := 1 to 321 Do
if (form1.Advstringgrid2.Cells[1,i] = '' ) then
begin
params := params+1;
end;
params := 321 - params;
if not (IntToStr(params) = '0') then
begin
form1.memo6.lines.insert(0, filename+'-> sjabl. '+IntToStr(k)+' met '+IntToStr(params)+' matches' );
form1.label33.caption:= 'Matches : '+form1.edit5.text;

if params > StrToInt(form1.edit5.text) then
begin
form1.Edit5.Text:= IntToStr(params);
matches:= IntToStr(params);

if (g = 0) then
begin
sjabloon:= intToStr(k);
form1.edit6.Text:= intToStr(k);
end
else
begin
sjabloon := inttostr(g);
form1.edit6.Text:= inttostr(g);
end;
end
else
begin
// MoveFile(PChar('import/'+GetLastModifiedXMLName('import/',Filemonitorname)), PChar('import/unsolve
end;
end;
```

Using Chilkat DLL for parsing XML nodes



XML order



Converter



ERP/CRM API/System

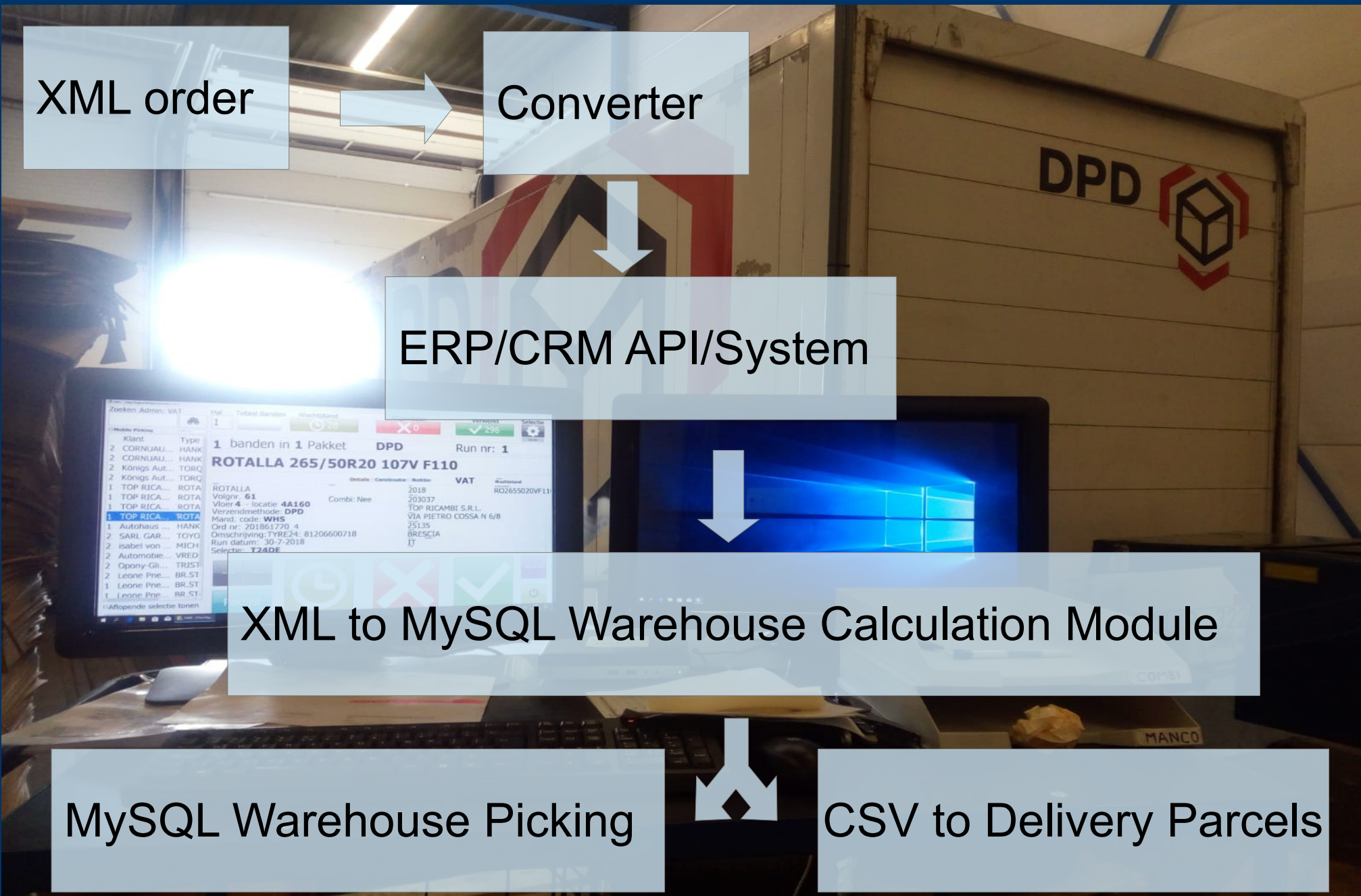


XML to MySQL Warehouse Calculation Module



MySQL Warehouse Picking

CSV to Delivery Parcels





Tyre Trading International
Delphi Tokyo 10.2 Development

Order picking application

TMPS





TMPS (Tim's Magical Picking System) VCL

Time Is Money

Check, validate, reject or deny
the package for further processing





TMPS - [Tims Magical Picking System] v 2.4.3

Zoeken Admin: TTI

Hal: 0 Totaal Banden: 1117 Wachtstand: 0 Afgewezen: 0 Verwerkt: 0 Selectie: [Settings]

Mobile Picking: [Binoculars] TTI SQL LOG

Klant	Type
2 CAR...	155/60R15
1 robe...	200-55 R17
1 ROB...	200-55 R17
1 SIZA...	190-50 R17
1 VOR...	190-50 R17
1 AVE...	190-50 R17
2 EUR...	185-60R14
2 (MO...	245-40R18
2 alex...	20-7 X8 TL
1 Marc...	140-90 X15
1 DOC...	120-70 R17
2 SAN...	20X11 -9 TI
1 Fran...	170-80 X15
1 Sas ...	170-60 R17
1 Phili...	180-55 R17
1 Nello...	180-55 R17

2 banden in 1 Pakket GLS Run nr: 3

155/60R15 TL 74T SN832EC

Mailing Backoffice

Visual bindings on Labels Details Combinatie Notitie

TTI Status: Niet verwerkt Artikel nummer: FAZ309851

FALKEN Volgnr. 795 Combi: Nee Deb. nr. 69450

Vloer 1 - locatie 001-1 Colours & Simplicity

Verzendmethode: GLS Adres: VIA G. PEANO 54/56/58

Mand. code: JPO Postcode: 00146

MyDAC MySQL connection Plaats: Roma RM

Run datum: 9-7-2018 TMS Grids & Buttons

Log Off

TURN ON TURN ON Paklijst



TMPS - [Tims Magical Picking System] v 2.4.3

Admin: TTI

Hal: 0 Totaal Banden: 1117 Wachtstand: 0 Afgewezen: 0 Verwerkt: 0 Selectie:

Mobile Picking

Klant	Type
2 CAR...	155/60R15
1 robe...	200-55 R17
1 ROB...	200-55 R17
1 SIZA...	190-50 R17
1 VOR...	190-50 R17
1 AVE...	190-50 R17
2 EUR...	185-60R14
2 (MO...	245-40R18
2 alex...	20-7 X8 TL
1 Marc...	140-90 X15
1 DOC...	120-70 R17
2 SAN...	20X11 -9 TI
1 Fran...	170-80 X15
1 Sas ...	170-60 R17
1 Phili...	180-55 R17
1 Nello...	180-55 R17

2 banden in 1 Pakket **GLS** Run nr: 3

155/60R15 TL 74T SN8

Datum: 9-7-2018

155/60R15 TL 74

155/60R15 TL 74

Combi: Package could contain different types or locations

Bewaar & Sluit

Paklijst

Landen

- Nederland
- België
- Luxemburg
- Duitsland
- Oostenrijk
- Frankrijk
- Spanje
- Portugal
- Italië
- Groot Brittanië
- Denemarken
- Finland
- Zweden
- Polen
- Ierland
- Slowakije
- Litouwen
- Letland
- Hongarije
- Kroatië
- IJsland
- Estland
- Griekenland
- Tsjechië
- Roemenië
- Bulgarije
- Bosnië
- Slovenië
- Servië

Alleen Combi Orders

Inclusief Combi Orders

Limiteer resultaten bij grote runs

Verstuur Label info's naar Heidler

Toon alle vloeren bij Wachtstand posities

Selectie op geselecteerde vloer houden bij valideren

Melding van doos als verpakking geven bij Zweden, Finland, Denemarken

Hannie's Wachtwoord:

Log Off



TMPS - [Tims Magical Picking System] v 2.4.3

Zoeken Admin: TTI
 Hal: 1 Totaal Banden: 298 Wachtstand: 3 Afgewezen: 0 Verwerkt: Selectie: SQL LOG

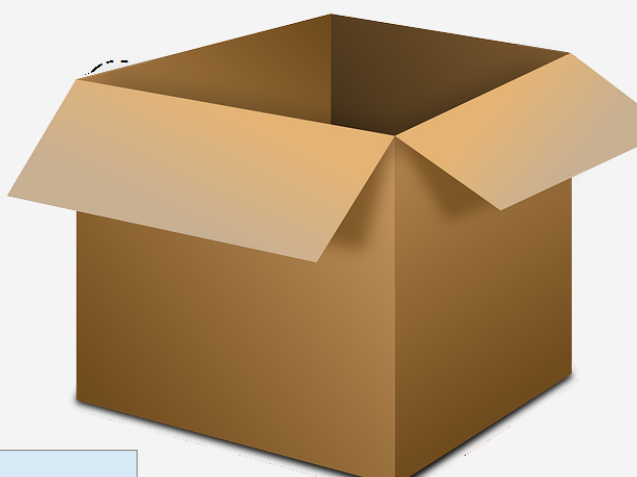
Mobile Picking

Klant	Type
2	Rei... 205-65 R16 ...
2	R&... 185-65R15 ...
2	R&... 185-65R15 ...
2	Kfz... 185-65R15 ...
1	Di... 185-65R15 ...
2	Ral... 225-50R17 ...
2	Au... 235/45R17 ...
2	Au... 195/45R16 ...
2	Da... 215-45 R17 ..
2	Da... 215-45 R17 ..
2	Ho... 225-50 R17 ..
2	Po... 215-45R17 ...
2	Ja... 195/60R16 ...
1	1A... 245-75R16 ...
1	1A... 245-75R16 ...
1	1A... 245-75R16 ...

2 banden in 1 Pakket **DPD** Run nr: **1**

195/60R16 TL 89H ATREZZO ELITE

LET OP IN DOOS VERPAKKEN



TTI Status: **Niet verwerkt**
 Artikelnummer: SLZ3220004934
 Andreasen Jysk jagt og sk
 6
 6

Aflopende selectie tonen

Log Off

**Exclusive package
Delivery notifications**



TMPS - TTI [Tims Magical Picking System] v 2.2

Zoeken Admin: TTI

Hal: 9

Totaal Banden: 11

Wachtstand: 0

Afgewezen: 0

Verwerkt: ✓

Selectie:

SQL LOG

Klant	Type
2 AUTO SPO...	225/50
2 Nathalie L...	225/50
2 PNEUMIN...	225-45
1 sorcinelli p...	110-80
2 mickael ag...	215-65
2 JMC AUTO	215-65

Merck: TC, Vo, Vlc, Ve, Ma, Or, Ru, Se

Goodie need to be included

TMPS Goodie Alert

LET OP, MET GOODIE VERPAKKEN !

Run nr:

TTI Status Niet verwerkt

Artikel nummer TLZ112

IBANEZ QUALITY
IO 119 NAVE 6-36

LOS HITOS +34

Paklijst

Aflopende selectie tonen

Postvak IN - daan@thedigitalfirm.nl - Mozilla Thunderbird



TMPS - [Tims Magical Picking System] v 2.4.6

Zoeken Admin: TTI Hal 6 Totaal Banden 156 Wachtstand 2 Afgewezen 0 Verwerkt Selectie

Mobile Picking TMS_DEV SQL LOG

MySQL LOG

```

1 SELECT *, SUM(AANTAL) as AANTAL2 FROM picking_new WHERE ACTIVITY = "" AND RUN_DATE = "18-7-2018"
1 AND PARCEL IN ("DPD")
1 AND RUN_NR IN ("1")
2 AND VLOER = "9"
2 AND COMBI = "Nee"
2 AND ADMIN = "TTI"
2 AND AFL_LAND IN("NL","BE","LU")
2 GROUP BY AV_ORD_NR ORDER BY MAG_LOC ASC , SEQUENCE ASC

```

Query of selection

```

2 SELECT VLOER, T_BRAND, MAG_LOC, AANTAL, TYRE_SPECS, ART_CODE, ART_GROEP, COMBI, SEQUENCE,ACTIVITY,
2 NOTITIE,CHANGED FROM picking_new WHERE AV_ORD_NR = "218196414_1"
2 AND PARCEL IN ("DPD")
2 AND RUN_NR IN ("1")
2 AND ADMIN = "TTI"
2 AND RUN_DATE="18-7-2018"

```

Instellingen

Gebruik TTI-Picking applicatie op alle orders met de ingestelde selectie.

Datum: 18-7-2018

Verv. Run Hal

DPD 1 1

5 6 8 0

Landen

- Nederland
- België
- Luxemburg
- Duitsland
- Oostenrijk
- Frankrijk
- Spanje
- Portugal
- Italië
- Groot Brittannië
- Denemarken
- Finland
- Zweden
- Polen
- Ierland
- Slowakije
- Litouwen
- Letland
- Hongarije
- Kroatië
- IJsland
- Estland
- Griekenland
- Tsjechië
- Roemenië
- Bulgarije
- Bosnië
- Slovenië
- Servië

Alleen Combi Orders

Inclusief Combi Orders

Limiteer resultaten bij grote runs

Verstuur Label info's naar Heidler

Toon alle vloeren bij Wachtstand posities

Selectie op geselecteerde vloer houden bij valideren

Melding van doos als verpakking geven bij Zweden, Finland, Den...

Hannie's Wachtwoord:

Bewaar & Sluit

Je bureaublad wordt momenteel gedeeld met mailordersti@gmail.com Delen stoppen

TeamViewer

Sessielijst

Daan laptop (733 503 593)



Print Paklijsten

HAL 0 1117 banden lokaties

Paklijst Controle Lijst Pak stickers Afdrukken Print Settings

Type	Hal	Lokatie /	Artikel code	Omschrijving	Aantal	Klant	Land	Volg nr.	Carrier	Pakbo	Combi	Signature
	1	001-1	FAZ309851 AUTO	155/60R15 TL 74T SN832EC	2	CAREDDU G. E FIGLI	IT	795	GLS		Nee	
	1	002-1	679248 MOTOR	200-55 R17 TL 78V	1	ROBERTO BRONGO	IT	797	GLS		Nee	
	1	002-1	679248 MOTOR	200-55 R17 TL 78V	1	roberto fiorentini	IT	796	GLS		Nee	
	1	002-2	866175 MOTOR	190-50 R17 TL 73W Pilot	1	AVENTURE 4 ROUES	FR	800	GLS		Nee	
	1	002-2	866175 MOTOR	190-50 R17 TL 73W Pilot	1	SIZAIRE JEAN LUC	FR	798	GLS		Nee	
	1	002-2	866175 MOTOR	190-50 R17 TL 73W Pilot	1	VOREUX MOTOS	FR	799	GLS		Nee	
	1	004-1	TLZ29 AUTO	185-60R14 TL 82H	2	EURL DESHOGUES	FR	801	GLS		Nee	
	1	004-2	TOZ3961300 AUTO	245-40R18 TL 97Y	2	(MONTEIRO)	FR	802	GLS		Nee	
	1	006-0	VEE212 MOTOR	20-7 X8 TL VRM208 F+R	2							
	1	032C	72723470 MOTOR	140-90 X15 TL 70H M8103	1							

AdvStringgrid

1d barcode Han-soft

Print out to different printers/departments

Print Paklijsten

HAL 0 1117 banden lokaties

Paklijst Controle Lijst Pak stickers Afdrukken Print Settings

Printer Instellingen en Toepassingen

Paklijst printer: Microsoft Print to PDF

Controlelijst printer: Microsoft Print to PDF

Pakstickers printer: Microsoft Print to PDF

Vrachtbrief printer: Microsoft Print to PDF

Grid layout Bewaar printers & Sluit



Selection of delivery to load trucks with The packages

Instellingen
Gebruik TTI-Picking applicatie op alle orders met de ingestelde selectie.

Datum: 9-7-2018

Verv. Run Hal

<input checked="" type="checkbox"/> GLS	<input type="checkbox"/> 1	<input checked="" type="checkbox"/> 0
	<input type="checkbox"/> 2	<input checked="" type="checkbox"/> 1
	<input checked="" type="checkbox"/> 3	<input checked="" type="checkbox"/> 5
		<input checked="" type="checkbox"/> 6
		<input checked="" type="checkbox"/> 9

Landen

<input type="checkbox"/> Nederland	<input type="checkbox"/> Polen
<input type="checkbox"/> Belgie	<input checked="" type="checkbox"/> Ierland
<input type="checkbox"/> Luxemburg	<input type="checkbox"/> Slowakije
<input checked="" type="checkbox"/> Duitsland	<input type="checkbox"/> Litouwen
<input type="checkbox"/> Oostenrijk	<input type="checkbox"/> Letland
<input checked="" type="checkbox"/> Frankrijk	<input type="checkbox"/> Hongarije
<input checked="" type="checkbox"/> Spanje	<input type="checkbox"/> Kroatië
<input checked="" type="checkbox"/> Portugal	<input type="checkbox"/> IJsland
<input checked="" type="checkbox"/> Italië	<input type="checkbox"/> Estland
<input checked="" type="checkbox"/> Groot Britannië	<input type="checkbox"/> Griekenland
<input type="checkbox"/> Denemarken	<input type="checkbox"/> Tsjechië
<input type="checkbox"/> Finland	<input type="checkbox"/> Roemenië
<input type="checkbox"/> Zweden	<input type="checkbox"/> Bulgarije
	<input type="checkbox"/> Bosnië
	<input type="checkbox"/> Slovenië
<input type="checkbox"/> Alle landen	<input type="checkbox"/> Servië

Alleen Combi Orders
 Inclusief Combi Orders

Limiteer resultaten bij grote runs
 Verstuur Label info's naar Heidler
 Toon alle vloeren bij Wachtstand posities
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 Melding van doos als verpakking geven bij Zweden, Finland, Denemarken

Hannie's Wachtwoord:

Bewaar & Sluit

Runs are a selection of orders
Depending the usage or priority

Picking Administratie

Vervoers & picking informatie

Naam picker	Daan	Datum	9-7-2018
Naam controleur	Tim	Vervoerder	GLS
Kent. GLS	PG-583-X	Run nr	3
Pakketten GLS	1427	Hal	Alles
Kent. DPD		Opmerking	
Pakketten DPD			
Kent. DPD (BAK)			
Pakketten BAK			

Verstuur info's naar Backoffice

Log and mail the trucks results
to the backoffice



The central MySQL Database

LAMP

(Linux Apache MySQL PHP)

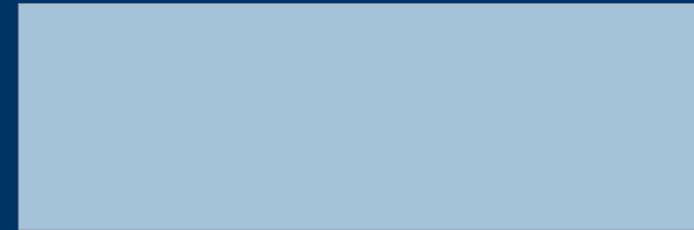


Server: localhost Database: TMPS_DEV Table: picking_new

Options

- Partial texts Relational key Show binary contents Hide browser transformation Geometry
- Full texts Display column for relations Show BLOB contents Well Known Text
- Well Known Binary

ID	ADMIN	PARCEL	ORD_OMSCHR	DEB_NR	DEB_NAAM	DEB_MAIL	DEB_TEL	MAG_LOC	AANTAL
1	TTI	DPD	50701440	75176-NL	Ot ben Yahia	pawel.kaczmarowski@oponeo.pl	+48 52 3418890	002-2	1
2	TTI	DPD	475154	35170-2	Lepage Moris s.p.r.l.	info@rotyre.com	00352-276939	D034	1
3	TTI	DPD	475154	35170-2	Lepage Moris s.p.r.l.	info@rotyre.com	00352-276939	D034	1
4	TTI	DPD	--	10835	Amsterdam Banden.nl	info@amsterdambanden.nl	020-697 6001	588	1
5	TTI	DPD	--	10835	Amsterdam Banden.nl	info@amsterdambanden.nl	020-697 6001	588	1
6	TTI	DPD	--	10835	Amsterdam Banden.nl	info@amsterdambanden.nl	020-697 6001	588	1
7	TTI	DPD	--	10835	Amsterdam Banden.nl	info@amsterdambanden.nl	020-697 6001	588	1
8	TTI	DPD	A03D4C0718	24120-NL	Terpstra H	backoffice@adtyre.com		037-1	1
9	TTI	DPD	A03D4C0718	24120-NL	Terpstra H	backoffice@adtyre.com		037-1	1
10	TTI	DPD	A03D4C0718	24120-NL	Terpstra H	backoffice@adtyre.com		037-1	1





4G & WIFI Network

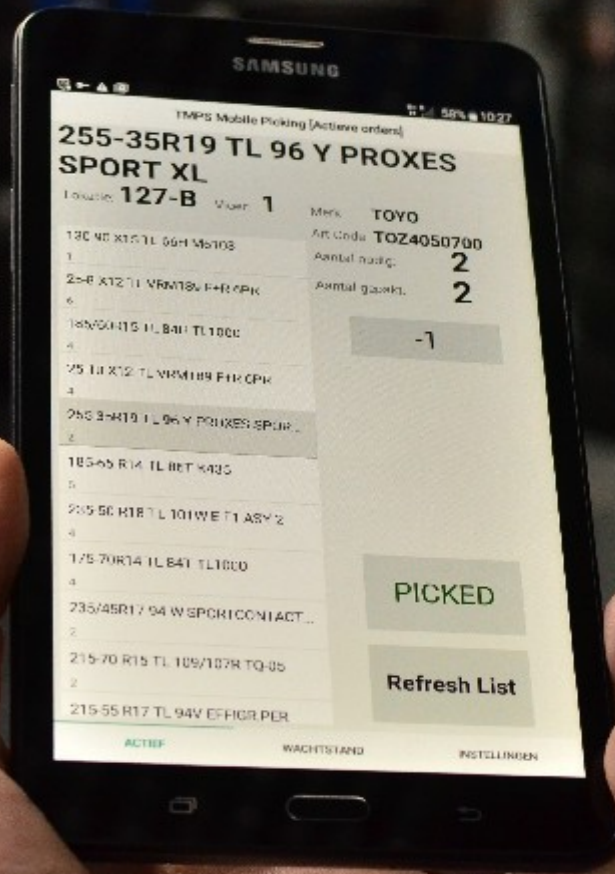
Compiled directly on device

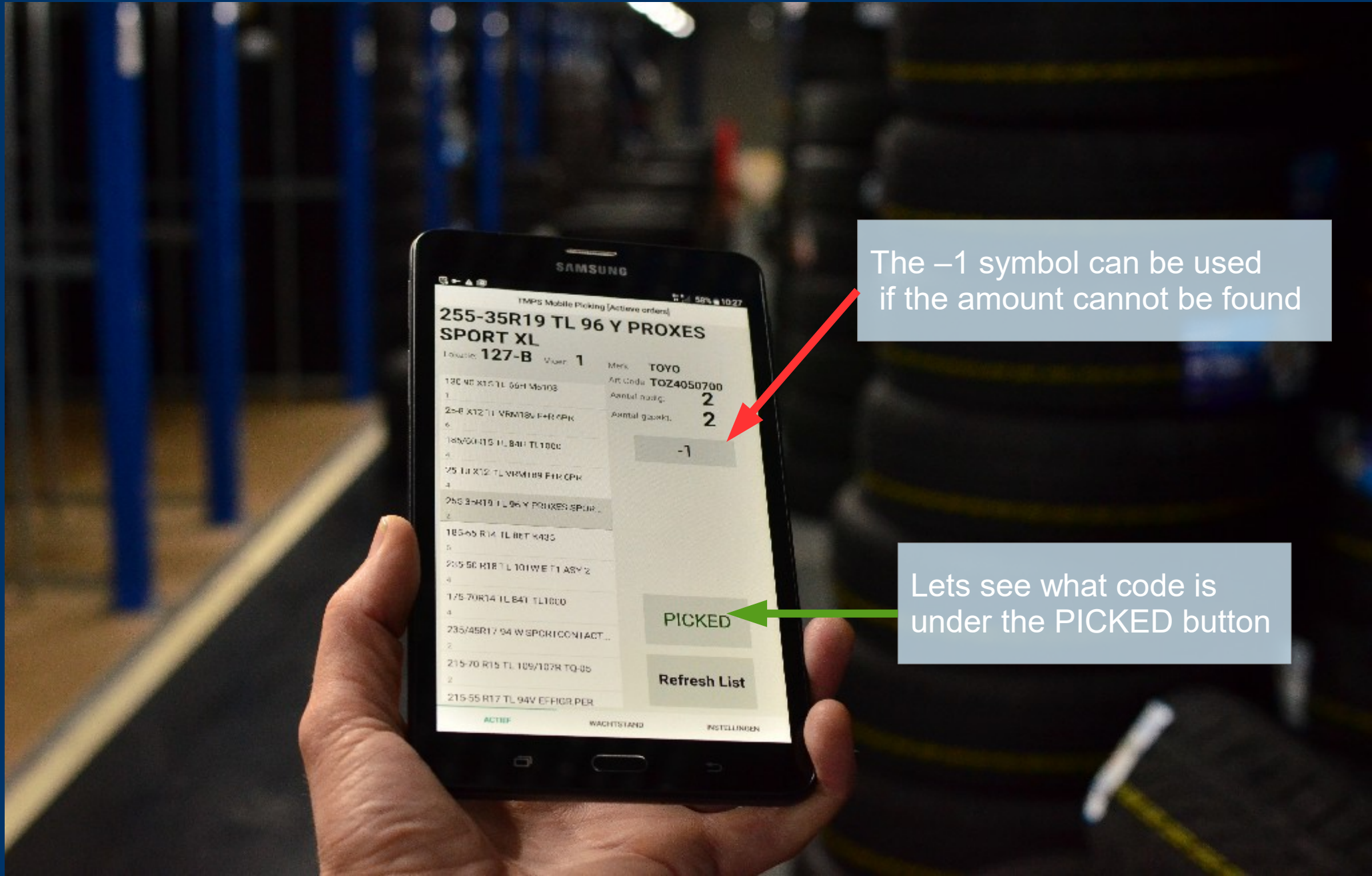
Tunneling data over VPN

Visual Bindings

Update/Insert Query's

Mydac for MySQL connections





The -1 symbol can be used if the amount cannot be found

Lets see what code is under the PICKED button



```
function checktyres(RUN_DATE, RUN_NR, ADMIN, ART_CODE, MAG_LOC, PARCEL, AANWEZIG:string):string;
var
i:integer;
telling : integer;
optelpakket : integer;
av_ord_nr, lokatie: string;
loc_code : string;
beschikbaar : integer;
missing : string;
notitie : string;
query : TMyquery;
connection: TMyconnection;
begin

missing := IntToStr(StrToInt(tabbedform.label19.Text) - StrToInt(tabbedform.label6.Text));

query := TMyQuery.Create(nil);
connection := TMyconnection.Create(nil);
connection.Server := 'localhost';
connection.Port := 3306;
connection.Username := 'root';
connection.Password := 'root';
connection.Database := 'TMPS_TTI';
query.Connection:= connection;

query.SQL.Text:= 'SELECT * ,AV_ORD_NR, SUM(AANTAL) as optelpakket FROM picking_new';
query.SQL.Add('WHERE ACTIVITY = "0" AND RUN_DATE = '+RUN_DATE+''); //AND COMBI = "Nee"
query.SQL.Add('AND PARCEL IN (''+PARCEL+'') AND RUN_NR IN (''+RUN_NR+'') AND');
query.SQL.Add('ADMIN = ''+ADMIN+'' AND ART_CODE = ''+ART_CODE+''');
query.SQL.Add('AND MAG_LOC = ''+MAG_LOC+'' GROUP BY AV_ORD_NR ORDER BY optelpakket DESC ');
query.Execute;

telling := 0;
query.First;
while not(query.Eof) do
begin
optelpakket := StrToInt(query['optelpakket']);
av_ord_nr := query['AV_ORD_NR'];
lokatie := query['MAG_LOC'];
notitie := query['NOTITIE'];
if (StrToInt(aanwezig) < optelpakket) then
begin
aanwezig:= IntToStr(StrToInt(aanwezig) - optelpakket);
telling := telling + StrToInt(query['optelpakket']);
updateorder(AV_ORD_NR,ART_CODE, LOKATIE,RUN_DATE,RUN_NR,'2', NOTITIE, missing); //update naar wachtstand (
end;
if (StrToInt(aanwezig) = optelpakket) then
begin
aanwezig:= IntToStr(StrToInt(aanwezig) - StrToInt(query['optelpakket']));
telling := telling + StrToInt(query['optelpakket']);
updateorder(AV_ORD_NR,ART_CODE, LOKATIE,RUN_DATE,RUN_NR,'4','',''); //gepicked door picker
end;
if (StrToInt(aanwezig) > optelpakket) then
begin
aanwezig:= IntToStr(StrToInt(aanwezig) - StrToInt(query['optelpakket']));
telling := telling + StrToInt(query['optelpakket']);
updateorder(AV_ORD_NR,ART_CODE, LOKATIE,RUN_DATE,RUN_NR,'4','',''); // gepicked door picker
end;

query.Next;
end;
connection.Free;
query.Free;
```



MyQuery1



MyConnection1

Using Devart MyDac to connect and query the MySQL Database



Select/update/insert query's

Loop the results and interact

Quick and dirty but damn stable!



Zoeken Admin: TTI

Hal: 0

Totaal Banden: 1117

Wachtstand: 0

Afgewezen: 0

Verwerkt: ✓

Selectie:

Mobile Picking

Klant	Type
2 CAR...	155/60R15
1 robe...	200-55 R17
1 ROB...	200-55 R17
1 SIZA...	190-50 R17
1 VOR...	190-50 R17
1 AVE...	190-50 R17
2 EUR...	185-60R14
2 (MO...	245-40R18
2 alex...	20-7 X8 TL
1 Marc...	140-90 X15
1 DOC...	120-70 R17
2 SAN...	20X11 -9 TI
1 Fran...	170-80 X15
1 Sas ...	170-60 R17
1 Phili...	180-55 R17
1 Nello...	180-55 R17

2 banden in 1 Pakket **GLS** Run nr: **3**

155/60R15 TL 74T SN8

Datum: 9-7-2018

1 x |001-1 FALKEN FAZ309851 Hal:1 [795]

155/60R15 TL 74

Combi: Package could contain different types or locations

Instellingen
Gebruik TTI-Picking applicatie op alle orders met de ingestelde selectie.

Verv. Run Hal

Verv.	Run	Hal
<input checked="" type="checkbox"/> GLS	<input type="checkbox"/> 1	<input checked="" type="checkbox"/> 0
<input type="checkbox"/>	<input type="checkbox"/> 2	<input checked="" type="checkbox"/> 1
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> 3	<input checked="" type="checkbox"/> 5
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> 6
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> 9

Alleen Combi Orders
 Inclusief Combi Orders

Limiteer resultaten bij grote runs
 Verstuur Label info's naar Heidler
 Toon alle vloeren bij Wachtstand posities
 Selectie op geselecteerde vloer houden bij valideren
 Melding van doos als verpakking geven bij Zweden, Finland, Denemarken

Landen

<input type="checkbox"/> Nederland	<input type="checkbox"/> Polen
<input type="checkbox"/> België	<input checked="" type="checkbox"/> Ierland
<input type="checkbox"/> Luxemburg	<input type="checkbox"/> Slowakije
<input checked="" type="checkbox"/> Duitsland	<input type="checkbox"/> Litouwen
<input type="checkbox"/> Oostenrijk	<input type="checkbox"/> Letland
<input checked="" type="checkbox"/> Frankrijk	<input type="checkbox"/> Hongarije
<input checked="" type="checkbox"/> Spanje	<input type="checkbox"/> Kroatië
<input checked="" type="checkbox"/> Portugal	<input type="checkbox"/> IJsland
<input checked="" type="checkbox"/> Italië	<input type="checkbox"/> Estland
<input checked="" type="checkbox"/> Groot Brittanië	<input type="checkbox"/> Griekenland
<input type="checkbox"/> Denemarken	<input type="checkbox"/> Tsjechië
<input type="checkbox"/> Finland	<input type="checkbox"/> Roemenië
<input type="checkbox"/> Zweden	<input type="checkbox"/> Bulgarije
<input type="checkbox"/> Alle landen	<input type="checkbox"/> Bosnië
	<input type="checkbox"/> Slovenië
	<input type="checkbox"/> Servië

Hannie's Wachtwoord:

TURN ON

Paklijst

0

Bewaar & Sluit

Log Off



X-platform Linux executables

Working with web-development





```
daan@ubuntu:~/PAserver/scratch-dir/Daan-Ubuntu Local/ShopSync$ ./ShopSync help
*****
LINUX MYSOQL & REST SYNC TOOL DELPHI 10.2 TOKYO EDITION
*****
*****ShopSync 1.7.8.0.0.0.0.0.1 Help menu*****
*****./ShopSync help | show this menu :-)*****
*****
./ShopSync articles 10 | update last 10 articles
./ShopSync articles all | start a full sync over articles
./ShopSync articles single artcode | updates the single artcode
./ShopSync vrd3 | update vrd article info`s
./ShopSync clearvrd3 | removes all VRD3 stock & status on all articles
./ShopSync contact 10 0 | updates 10 last contact started by 0
./ShopSync contact single 00000 | sync single contact deb nr.
./ShopSync contact all | full contact sync
./ShopSync staffels | update all staffel info`s
./ShopSync staffels 1000 2000 | update LAST 1000 and start by 2000
./ShopSync orders | update all order info`s
./ShopSync openitems 10 | update last 10 openitem info`s
./ShopSync arthistory 10 | update last 10 arthistory info`s
./ShopSync samengestelden | update samengestelden artikelen
*****
./ShopSync truncate allorders | truncates all orders
./ShopSync truncate allstaffels | truncates all staffels
./ShopSync truncate allopenitems | truncates all openitems
./ShopSync truncate allarthistory | truncates all article history
./ShopSync truncate allsamengestelden | truncates all samengestelden artikelen
*****
*****settings.ini For all your routing settings MYSQL/REST*****
*****
daan@ubuntu:~/PAserver/scratch-dir/Daan-Ubuntu Local/ShopSync$ █
```

Settings stored in *.INI

Midas.so

PA Server Ubuntu

Extreme light & fast

Params driven



```
function insertstaffelbulk(body: string):string; ////body bevat max 50000000 json Nodes
var
client          : TRestClient;
request         : TRestRequest;
response        : TRestResponse;
LJson, LJsonObject : TJsonObject;
baseUrl,token,restfeatures,admin,shop_id, deb_grp_id,cred_grp_id, debug:string;
begin
    client          := TRestClient.Create(nil);
    request         := TRestRequest.Create(nil);
    response        := TRestResponse.Create(nil);

    request.Client  := client;
    request.Response := response;

    baseUrl        := remoteapiserver;    // baseurl
    token          := remotetoken;       // token
    restfeatures   := remotesyndfeatures; // features true/false
    admin          := remoteavadmin;     // database
    shop_id        := remoteshopid;      // shop ID
    deb_grp_id     := remotedebuggroupid; // deb grp ID
    cred_grp_id    := remotecredgroupid;  // cred grp ID
    debug          := remotedebug;       // DEBUG / LIVE

try
    Client.contentType := 'application/json';
    Request.Method      := TRESTRequestMethod.rmPOST;
    Client.BaseURL:=    baseUrl+'//sync/v1/rates'; ////bulk staffels
    Request.Params.AddItem('SyncToken', token, TRESTRequestParameterKind.pkHTTPHEADER);

    Request.AddBody([''+body+'],'', ctAPPLICATION_JSON);

    if (debug = 'DEBUG') then
    begin
        writeln([''+body+']);
    end else
    begin
        request.Execute;
    end;
except
    on E : Exception do
    begin
        writeln('Exception message = '+E.Message);
    end;
end;
```



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Next stage

Smart Logistics





LoRaWAN Device

TTN Cloud Console

REST 2 MySQL

10 KM

LoRaWAN Gateway

The Things Network Q-Strip Disposable Moisture Sensor Project [CONNECTED]

Q-strip project

Auto refresh All Sensors each minute

Get All Sensor Data

Base URL: <https://iotwestbrabantsensor1.data.thethingsnetwork.org>

Authorization key: [REDACTED]

9 Available Sensors: ttruno

Node data: 14

Device ID	Sensor Value	Date	Time
TWTG01	9	2018-07-19	16:49:59
Q-strip-Daan	5	2018-07-19	16:49:50
Q-strip-Antonic	6	2018-07-19	16:49:42
loypsense	11	2018-07-19	16:49:1
TWTG01	9	2018-07-19	16:48:47
Q-strip-Daan	5	2018-07-19	16:47:37
loypsense	11	2018-07-19	16:47:18
Q-strip-Antonic	6	2018-07-19	16:47:1
O-strip-Daan	4	2018-07-19	16:46:25

Refresh All Data

MySQL Settings

Mail Settings

Log MySQL Server

Notify By Email

Trigger Sensor: is equal or higher then 45

Send email: daan@thedigitalfirm.nl

Mail body: This is extra text for the email notification.

Device ID	Math	Value	Mailto	Mailbody	Alarm
seeduino3	=	9	daan@thedigitalfir	hi Roland	
gpsensor1	=	5	daan@thedigitalfir	Ha cool the trigger	
seeduino2	>	4	daan@thedigitalfir	This is my Text	

Data Charts of Sensors

Series 1

- TWTG01
- Q-strip-Daan
- Q-strip-Antonic
- loypsense

Rotate | Data time scale | Perspective | Zoom

Daan van der Werf 2018 Version 1.3

Logos: THE THINGS NETWORK, MICROCHIP, intel, pycom, SOFTDEL, SEMITECH, ARDUINO, embarcadero, LoRa, seeed, KO, MySQL, barnsten, CARBONWIJVEL.NL, devart, steema, tms.



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Marketing & Development

**Another way to enter
the salesmarket**



Mobile Game Development

WarmerKouder GPS Game

1. DOWNLOAD DE APP

DE APP KUN JE DOWNLOADEN IN DE ITUNES OF ANDROID STORE.

2. MELD JE AAN

VUL JE E-MAILADRES IN EN GA AKKOORD MET DE VOORWAARDEN.

3. KIES JE CHALLENGE

ELKE WEEK WORDT EEN NIEUWE CHALLENGE TOEGEVOEGD.



4. ZOEK NAAR DE SET

STAP OP JE MOTOR EN GA AF OP DE AANWIJZINGEN DIE HET SPEL JE GEEFT.

5. MAAK EEN SELFIE

WANNEER JE DE CODE GEVONDEN HEBT, DAN CLAIM JE DE CHALLENGE.

6. ONTVANG JE SET

JE WINT EEN SET POWER RS BANDEN OF EEN GOODIE PAKKET.



App Store Preview

This app is only available on the App Store for iOS devices.



WarmerKouder 4+

The Digital Firm

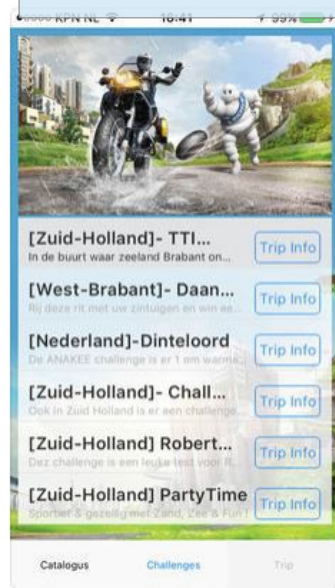
Free

FMX IOS & Android

Using REST API

iPhone Screenshots

Remote images





```
390
function DownloadIMG(const URL: String; var Image99: TImage): Boolean;
var
  HTTP: TIdHTTP;
  Stream: TStream;
begin
  Result := False;
  HTTP := TIdHTTP.Create(nil);
  try
    Stream := TMemoryStream.Create;
    try
      HTTP.Request.UserAgent:='Mozilla/5.0 (Windows NT 6.1; WOW64; rv:47.0) Gecko/20100101 Firefox/47.0';
      HTTP.Get(URL, Stream);
      Stream.Position := 0;
      Image99.Bitmap := TBitmap.Create(0, 0);
      Image99.Bitmap.LoadFromStream(Stream);

      Result := True;
    except
      on E : Exception do
      begin
        ///doe niets behalve de error afvangen
      end;
    end
  end

  finally
    Stream.Free;
    HTTP.Free
  end;
end;
420
```

Download remote image to memorystream
and load it into any image.



**Thank you for
checking out my
presentation.**

Good luck developing our Future !

This Rollercoaster ride has ended.



Tyre Trading International
Delphi Tokyo 10.2 Development



Devart gives away 3 personal licenses !

Perhaps You will be a winner of a great Devart component set

Check if something is hidden under your chair !