



# When useful is nice

*“It is not the strongest of the species that survives,  
or the most intelligent,  
it is the one most capable of change”*

**Charles Darwin**



## Introduction

The **PHP** language is essential, simple and direct, this means that the paradigm “easy & fast” is his strength. In the **IBM i** environment, the presence of native **PHP LICPGM** inside the operating system is, for sure, a big success and an important starting point. (img\_01)

```
Visualizzazione programmi su licenza installati
Sis
Program. Stato
su lic. installaz. Descrizione
1ZCORE5 *INSTALLED Zend Core for IBM i5/OS (2.6.1)
2ZSVRPI *INSTALLED Zend Server for IBM i 5.0.1 ( PHP 5.3 )
```

Daily confirmations about this comes from many sources: colleagues, customers, users, enthusiasts or simply curious who speak about their experiences amazed at how easy it is developing with PHP.

Completed the initial step, the first experiments, the next goal would be “the organization of code” to try to develop something more than just a “test.php”.

Trying to “replicate” the Applications organisation “**AS400 style**”, we encountered essentially a couple of questions:

- a. code organisation
- b. smarty presentation layout

On the first question can be answered with “**PHP**”, based on the experience.

But today users are confidential on usage about complex and smarty graphically applications, because every aspect of life use now new technologies: social-networks, applications on the smartphone, booking on line. The solution to the second question requires, of course, a different approach for developers **IBM i**, a depp knowledge on new web technologies:

- javascript
- ajax
- css
- flash
- web services

All “languages” listed above allow to have “smarty and sexy” graphical **HTML** application.

The learning curve to aquire experience on them should be too long for an **IBMi** developer to be reasonably competitive on new web software.

The “presentation” aspect of web applications is, strangely, the main problem for a **IBM i** developer, because until not long ago the only items used was a 5250 screen.

The **PHP** language hasn't specific tools to manage the “Presentation” aspects, it means that with **PHP** must develop the “Application Logic” and the **HTML** layout. (img\_03)

```
<?php
while ($row=db2_fetch_assoc($result)) {
    print "<tr>";
    print "<td>".trim($row['cdcli'])."</td>";
    print "<td>".trim($row['rascl'])."</td>";
    print "<td>".trim($row['loccl'])."</td>";
    print "</tr>";
}
?>
```

## Wi400

This is the main reason of **Wi400**: the first and once (to date) **i-framework**, a tool created and designed by the union of multi-skills in a “I” environment and the professionalism and expertise on the modern web technologies. (img\_02)



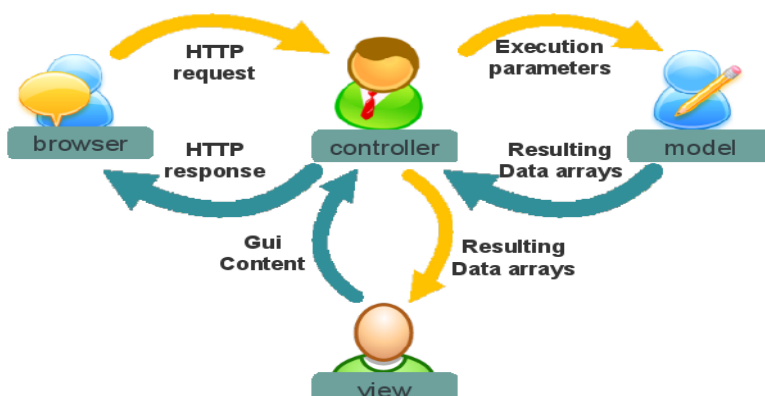
The idea was to create a tool that allow to develop new and modern **PHP** code without know any aspects and issues of “presentation” but focusing only on “Business logic”, and meanwhile, “keep” familiarity with the **I environment**.

The Wi400 “mission”:
✓ Obtain the best performance on <b>DB2</b>
✓ The usage of a <b>PHP</b> language that “looks like” something that sounds familiar (there is a <b>Wi400_Subfile()</b> class to create a nice grid on <b>HTML</b> )
✓ Managing all users functionalities under <b>Menu</b> and <b>Actions</b> control. All these <b>items</b> will be stored on <b>DB</b>
✓ Monitoring all <b>activities</b> trough a “web-like” view, and also trough classic <b>5250</b> screen (DSPJOBLOG of my job to understand what’s happened)
✓ Check “who does what”

## Wi400 Architecture

**Wi400** technology follows a known concept on developing code: the **MVC (Model, View, Controller)**.

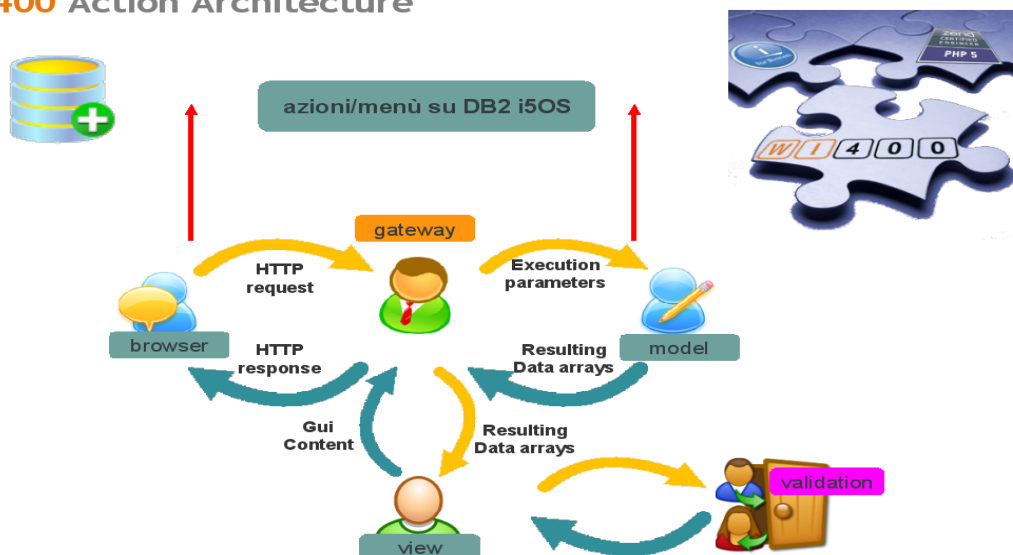
The MVC paradigm isolates the “application logic” (**Model**) , the data “presentation” (**View**) and the controllers (**Controller**). (img\_04)



## Wi400

The news on **Wi400** is that the **MVC** methodology has been embedded on typical applications concepts of **IBM i**, listing every action in tables in order to manage controlled access available to user. (img\_05)

### Wi400 Action Architecture



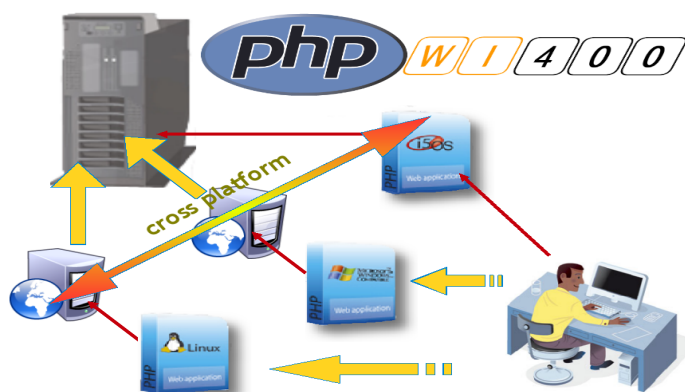
Most developing activities in **Wi400** consist in the “application logic”, everything regarding “presentation aspect” will be delegated to the functions of the **i-framework Wi400**.

The **DB2** access through **Wi400** is optimized according to the desired results:

- through **ibm\_db2** extension (high performance)
- through **i5\_toolkit Easycom** (in cases of poorly systems or not so updated to the latest release).

This feature allows a developer to “switch” between configuration depending on the final desired goal.

**Wi400** grant access to DB not only on **DB2**, but also to **MySQL**, **Oracle** and **SqlServer**, there is also the possibility to install all web environment outside **IBM i**.



## Developing code on Wi400 (img\_07).

```

1 <?php
2
3 // anagraphic customers list
4 $_myList = new wi400List("EXAMPLE1_LIST", true);
5 $_myList->setFrom("ZWIDEMO". $settings['i5_sep']. "ANCL200F");
6 // show all columns from tabel
7 $cols = getColumnListFromTable("ANCL200F", "ZWIDEMO");
8 $_myList->setCols($cols);
9 // data rendering on HTML
10 $_myList->dispose();

```

line 4. "instance" of **Wi400List** class to create the "subfile" object on web, this object will display **HTML** code to view a scrollable grid elements.

line 5. select the DB2 table to extract informations

line 7. retrieve all columns from DB2 table

line 8. assign to the instanced object the table columns

line 10. render data on **HTML**.

with only 5 lines of code, this will be the result (img\_08).



The screenshot shows a web browser window displaying a table titled "Lista clienti". The table has columns for "Dt Last Mnut", "Codice Cliente", "Ragione Sociale", "Codice Ricerca", "Indirizzo", "Localita'", "provincia", and "cap". The table contains 10 rows of data, each with a checkbox in the first column. The browser's address bar shows "1 / 1746" and navigation buttons.

	Dt Last Mnut	Codice Cliente	Ragione Sociale	Codice Ricerca	Indirizzo	Localita'	provincia	cap
<input type="checkbox"/>	20.091.229	0005	PROVA07 SRL	PROVA07 SRL	VIA TST01, 35 C.DA S.VITO	LOCALITA14	MI	2010
<input type="checkbox"/>	20.011.217	0008	IL PAESE DEI BALOCCHI SPA	IL PAESE DEI BA	VIA PROVA01, 123	LOCALITA12	PN	3308
<input type="checkbox"/>	0	0009	AGRICOLTURA	AGRICOLTURA	VIA PROVA02, 9	LOCALITA16	MI	3308
<input type="checkbox"/>	0	0011	KARAMAZOV F.LLI	KARAMAZOV F.LLI	VIA PROVA02, 32	LOCALITA06	FE	4410
<input type="checkbox"/>	0	0012	ALESSANDRINI FRATELLI	ALESSANDRINI FR	VIA G.PROVA03, 110	LOCALITA02	RO	4501
<input type="checkbox"/>	20.011.217	0013	SOCIETA' SAS E SPA	SOCIETA' SAS E	VIA PROVA04, 21/23	LOCALITA15	CT	9512
<input type="checkbox"/>	20.011.217	0014	ARMERIA DI TROPPO	ARMERIA DI TROP	C.SO PROVA05, 11	LOCALITA06	FE	4410
<input type="checkbox"/>	20.011.217	0015	AURIGA SRL	AURIGA SRL	VIA PROVA06, 112	LOCALITA11	SR	9601
<input type="checkbox"/>	20.011.217	0017	ANFETAMINE SPA	ANFETAMINE SPA	VIA PROVA07, 13	LOCALITA05	RO	4510
<input type="checkbox"/>	20.011.217	0018	ANTICA SPAGHETTERIA	ANTICA SPAGHETT	VIA PROVA08, 23	LOCALITA07	TV	3108

Every "subfile" built from **Wi400** has a series of embedded **widgets**:

- paging
- export on **pdf, excel, csv, xml**
- customization form user the "subfile" properties (number of rows per page, columns sortable, hide/show columns)
- on line documentation

## Script implementaion

Implementing the above script by adding a few lines of code, we can insert some search "filters".

Filters can be "fast" or "advanced".

The "fast" filter will be showed immediatly on the header of grid (it will be probably the most usage search by the user)

The "advanced" filter will be showed on demand by user, with specific function. (img\_09)

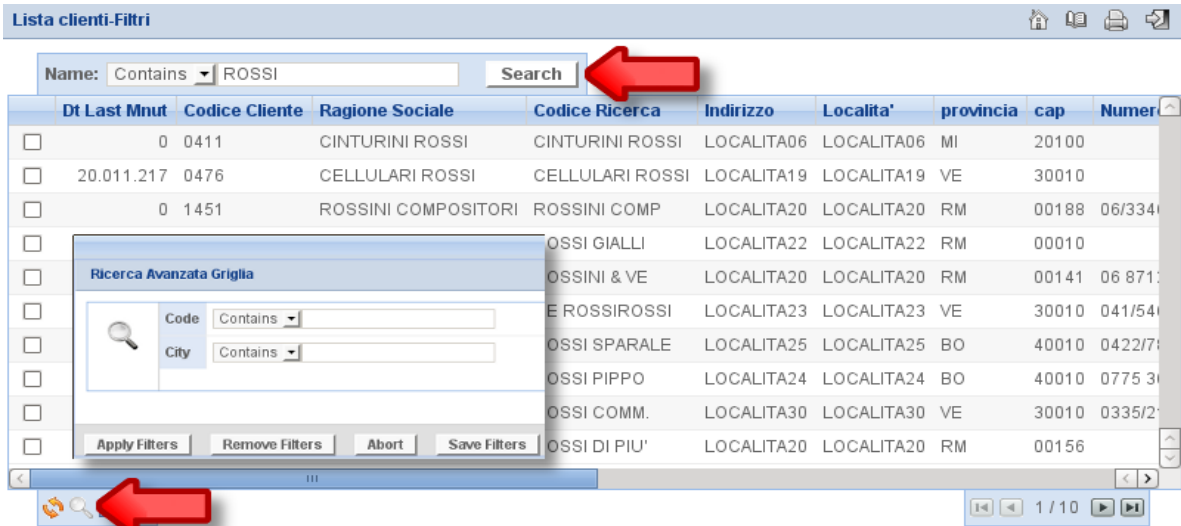
```

1 <?php
2
3 // anagraphic customers list with search filter
4 $_myList = new wi400List("EXAMPLE1_LIST", true);
5 $_myList->setFrom("ZWIDEMO".$settings['i5_sep']."ANCL200F");
6 // show all columns from tabel
7 $cols = getColumnListFromTable("ANCL200F", "ZWIDEMO");
8 $_myList->setCols($cols);
9
10 // Add fast filter
11 $_myFilter = new wi400Filter("RASCL", "Name", "STRING");
12 $_myFilter->setFast(true);
13 $_myList->addFilter($_myFilter);
14 // Add advanced filter
15 $_myFilter = new wi400Filter("CDCLI", "Code", "STRING");
16 $_myList->addFilter($_myFilter);
17 $_myFilter= new wi400Filter("LOCCL", "City", "STRING");
18 $_myList->addFilter($_myFilter);
19
20 // data rendering on HTML
21 $_myList->dispose();

```

The result of the additional filters, will display fields for research, managing by user (img\_10)

With other 7 lines of code, this will be the final result.



Lista clienti-Filtri

Name: Contains ROSSI Search

Dt Last Mnut	Codice Cliente	Ragione Sociale	Codice Ricerca	Indirizzo	Localita'	provincia	cap	Numer
<input type="checkbox"/>	0 0411	CINTURINI ROSSI	CINTURINI ROSSI	LOCALITA06	LOCALITA06	MI	20100	
<input type="checkbox"/>	20.011.217 0476	CELLULARI ROSSI	CELLULARI ROSSI	LOCALITA19	LOCALITA19	VE	30010	
<input type="checkbox"/>	0 1451	ROSSINI COMPOSITORI	ROSSINI COMP	LOCALITA20	LOCALITA20	RM	00188	06/334
<input type="checkbox"/>			OSSI GIALLI	LOCALITA22	LOCALITA22	RM	00010	
<input type="checkbox"/>			OSSINI & VE	LOCALITA20	LOCALITA20	RM	00141	06 871
<input type="checkbox"/>			E ROSSIROSSI	LOCALITA23	LOCALITA23	VE	30010	041/54
<input type="checkbox"/>			OSSI SPARALE	LOCALITA25	LOCALITA25	BO	40010	0422/7
<input type="checkbox"/>			OSSI PIPPO	LOCALITA24	LOCALITA24	BO	40010	0775 3
<input type="checkbox"/>			OSSI COMM.	LOCALITA30	LOCALITA30	VE	30010	0335/2
<input type="checkbox"/>			OSSI DI PIU'	LOCALITA20	LOCALITA20	RM	00156	

Ricerca Avanzata Griglia

Code: Contains

City: Contains

Apply Filters Remove Filters Abort Save Filters

1 / 10

## Wi400 and i5/OS integration

Particular attention was reserved in **Wi400** to implement the **DB PHP** classes in order to ensure a complete and "transparent" integration between the "JOB" of **PHP** connection and the related **i5/OS** "JOB".

Each **PHP Wi400** JOB, through **API** system, synchronize the related **5250** JOB, so it's possible to check every connection to the system, also via 5250 screen, and see the "status of art" of application.

This strong integration is performed not only for finding status of activity user, but for each DB query executed through **SQL**.

The advantage is to have a consistently and deep analysis of each query response time. (img\_11, img\_12)

**Lavori attivi**

ID Sessione: opk6ic553pfgdqldr7mbos6t74  
Solo job attuale:   
Ricarica

ID Lavoro: [ ] Contains: [ ] Search: [ ]

ID Lavoro	ID Utente	Numero Lavoro	
<input checked="" type="checkbox"/>	PHPSIRI	WI400	518840
<input type="checkbox"/>	PHPSIRI	WI400	518846
<input type="checkbox"/>	PHPSIRI	WI400	518851
<input type="checkbox"/>	PHPSIRI	WI400	518855
<input type="checkbox"/>	PHPSIRI	WI400	518858
<input type="checkbox"/>	PHPSIRI	WI400	518861

- Job log
- Sql log
- Session log
- Next Page
- Previous Page
- List Update
- List Export
- List Configuration
- Ricarica

**Log SQL**

```
[2010-06-08_17:30:42.000000]Click del 08062010053042 No connessione
[2010-06-08_17:30:42.000000]Click del 08062010053042 connessione!
[2010-06-08_17:30:42.000000]CALL PHPLIB/ZDT_SPEED
[2010-06-08_17:30:42.000000]DELETE FROM PHPTEMP/LAVORI_ATTIVI_LIST_a8sd7q1vc7k4
[2010-06-08_17:30:42.000000]INSERT INTO PHPTEMP/LAVORI_ATTIVI_LIST_a8sd7q1vc7k4
[2010-06-08_17:30:43.000000]Click del 08062010053043 No connessione
[2010-06-08_17:30:43.000000]Click del 08062010053043 connessione!
[2010-06-08_17:30:43.000000]CALL PHPLIB/ZDT_SPEED
[2010-06-08_17:30:43.000000]SELECT * FROM PHPTEMP/LAVORI_ATTIVI_LIST_a8sd7q1vc7k4
```

(img\_13)

Visualizzazione di tutti i messaggi

Lavoro . . . : PHPSIRI      Utente . . . : WI400      Sistema: SIRI01  
Numero . . . . : 513208

L'oggetto sostituito USPC1 tipo \*USRSPC è stato trasferito nella QRPL0BJ.  
E' stata modificata la lista delle librerie.  
E' stata modificata la lista delle librerie.  
Azione:JOB\_LOG USER:PHPMAN-a8sd7q1vc7k453hpscrpk4p496 /WI400/  
L'oggetto sostituito USPC1 tipo \*USRSPC è stato trasferito nella QRPL0BJ.  
E' stata modificata la lista delle librerie.  
Azione:JOB\_LOG USER:PHPMAN-a8sd7q1vc7k453hpscrpk4p496 /WI400/  
L'oggetto sostituito USPC1 tipo \*USRSPC è stato trasferito nella QRPL0BJ.  
L'oggetto sostituito USPC1 tipo \*USRSPC è stato trasferito nella QRPL0BJ.  
E' stata modificata la lista delle librerie.  
E' stata modificata la lista delle librerie.  
Azione:JOB\_LOG USER:PHPMAN-a8sd7q1vc7k453hpscrpk4p496 /WI400/  
L'oggetto sostituito USPC1 tipo \*USRSPC è stato trasferito nella QRPL0BJ.

Fine

Premere Invio per continuare.

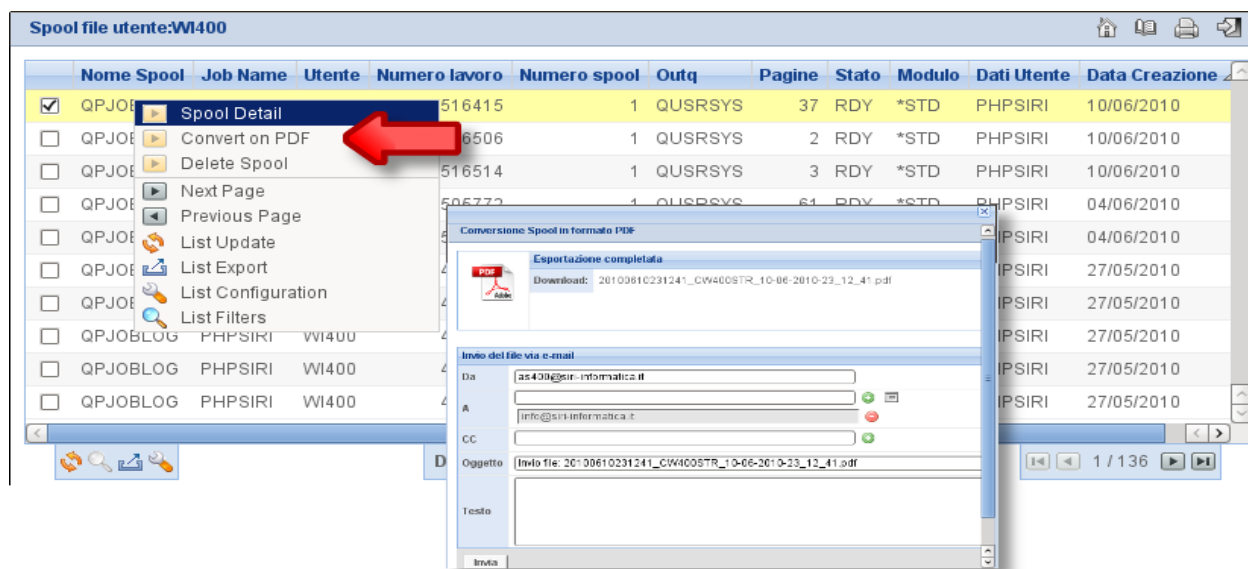
F3=Fine    F5=Rivisual.    F12=Cancellazione    F17=Inizio dati    F18=Fine dati

11/1

## spool with Wi400

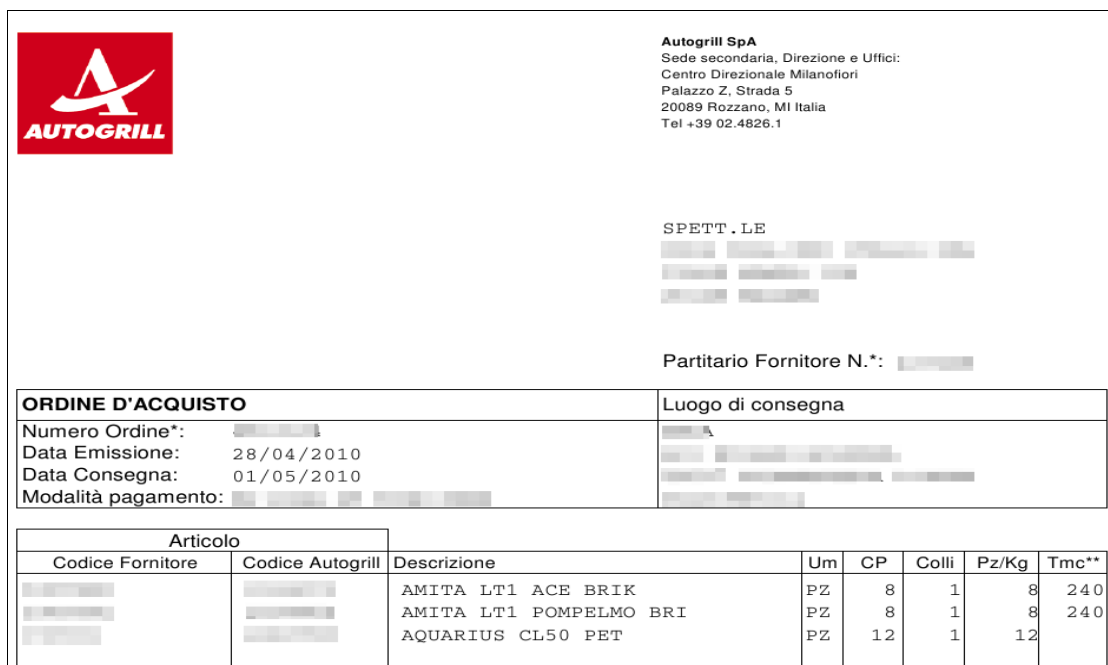
Another feature included in the **i-framework Wi400** is a **spool management**.

Besides the usual options about spool, **management**, **visualization** and **export on pdf** format, it's possible integrate "custom" **PHP** Classes associated to "user data" of each spool, to build a layout and match a personal "background" on the generated **pdf**. (img\_14)



The screenshot shows a web application window titled "Spool file utente:WI400". It contains a table with columns: Nome Spool, Job Name, Utente, Numero lavoro, Numero spool, Outq, Pagine, Stato, Modulo, Dati Utente, and Data Creazione. A context menu is open over the first row, with a red arrow pointing to the "Spool Detail" option. Other options include "Convert on PDF", "Delete Spool", "Next Page", "Previous Page", "List Update", "List Export", "List Configuration", and "List Filters".

Nome Spool	Job Name	Utente	Numero lavoro	Numero spool	Outq	Pagine	Stato	Modulo	Dati Utente	Data Creazione
QPJOBLOG	PHPSIRI	WI400	516415	1	QUSRSYS	37	RDY	*STD	PHPSIRI	10/06/2010
QPJOBLOG	PHPSIRI	WI400	516506	1	QUSRSYS	2	RDY	*STD	PHPSIRI	10/06/2010
QPJOBLOG	PHPSIRI	WI400	516514	1	QUSRSYS	3	RDY	*STD	PHPSIRI	10/06/2010
QPJOBLOG	PHPSIRI	WI400	506772	1	QUSRSYS	61	RDY	*STD	PHPSIRI	04/06/2010
QPJOBLOG	PHPSIRI	WI400							PHPSIRI	04/06/2010
QPJOBLOG	PHPSIRI	WI400							PHPSIRI	27/05/2010
QPJOBLOG	PHPSIRI	WI400							PHPSIRI	27/05/2010
QPJOBLOG	PHPSIRI	WI400							PHPSIRI	27/05/2010
QPJOBLOG	PHPSIRI	WI400							PHPSIRI	27/05/2010
QPJOBLOG	PHPSIRI	WI400							PHPSIRI	27/05/2010



The screenshot shows an invoice document. At the top left is the Autogrill logo. To the right, the company name "Autogrill SpA" and its address are listed. Below this, the recipient's name "SPETT. LE" is visible. The invoice details include the order number, emission date (28/04/2010), and delivery date (01/05/2010). A table at the bottom lists the items ordered, including AMITA LT1 ACE BRIK, AMITA LT1 POMPELMO BRI, and AQUARIUS CL50 PET, with their respective units, quantities, and prices.

**Autogrill SpA**  
Sede secondaria, Direzione e Uffici:  
Centro Direzionale Milanofori  
Palazzo Z, Strada 5  
20089 Rozzano, MI Italia  
Tel +39 02.4826.1

SPETT. LE

Partitario Fornitore N.\*: \_\_\_\_\_

ORDINE D'ACQUISTO		Luogo di consegna				
Numero Ordine*:	_____	_____				
Data Emissione:	28/04/2010	_____				
Data Consegna:	01/05/2010	_____				
Modalità pagamento:	_____	_____				

Articolo						
Codice Fornitore	Codice Autogrill	Descrizione	Um	CP	Colli	Pz/Kg
_____	_____	AMITA LT1 ACE BRIK	PZ	8	1	8
_____	_____	AMITA LT1 POMPELMO BRI	PZ	8	1	8
_____	_____	AQUARIUS CL50 PET	PZ	12	1	12

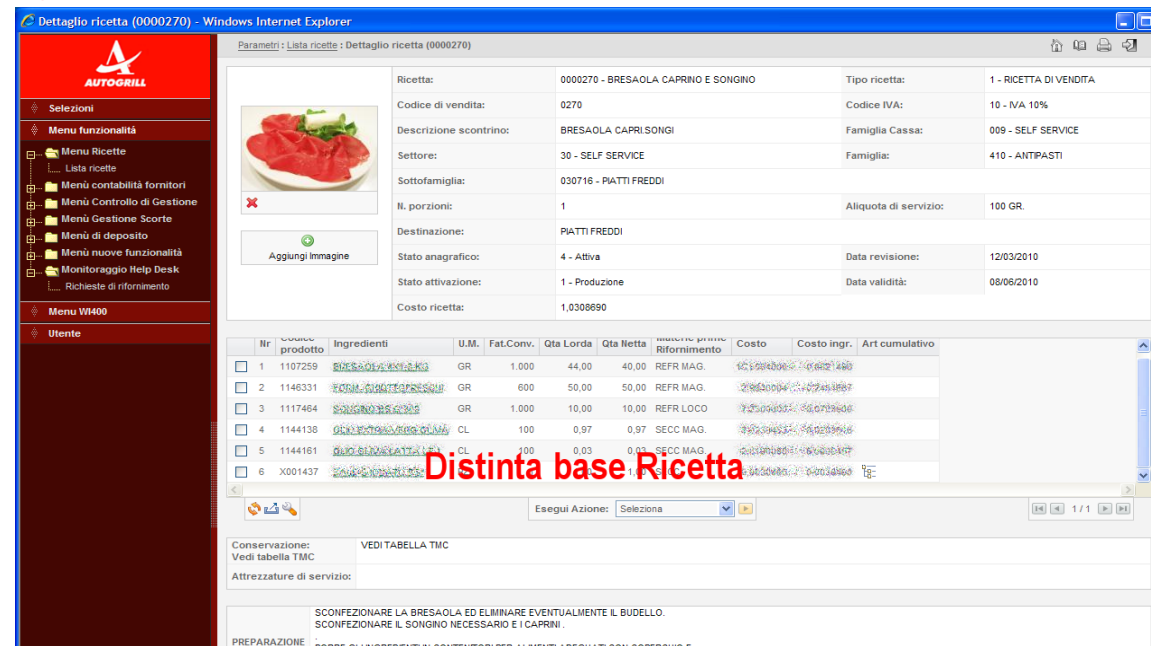


## Success Stories

The **Wi400** framework is currently also used in big companies really believe on a perfect integration between **PHP** technology and **IBM i** platform.  
(img\_15)



(img\_16)



Dettaglio ricetta (0000270) - Windows Internet Explorer

Parametri: Lista ricette : Dettaglio ricetta (0000270)

Ricetta: 0000270 - BRESAOLA CAPRINO E SONGINO Tipo ricetta: 1 - RICETTA DI VENDITA

Codice di vendita: 0270 Codice IVA: 10 - IVA 10%

Descrizione scontrino: BRESAOLA CAPRI SONGI Famiglia Cassa: 009 - SELF SERVICE

Settore: 30 - SELF SERVICE Famiglia: 410 - ANTIPASTI

Sottofamiglia: 030716 - PIATTI FREDDI

N. porzioni: 1 Aliquota di servizio: 100 GR.

Destinazione: PIATTI FREDDI

Stato anagrafico: 4 - Attiva Data revisione: 12/03/2010

Stato attivazione: 1 - Produzione Data validità: 08/06/2010

Costo ricetta: 1,0308990

Nr	Codice prodotto	Ingredienti	U.M.	Fat.Conv.	Qta Lorda	Qta Netta	RICETTA PRINCIPALE	Costo	Costo ingr.	Art cumulativo
1	1107259	BRESAOLA CAPRINO	GR	1,000	44,00	40,00	REFR MAG.	0,2320227	9,2090000	0000000000
2	1146331	SONGINO	GR	600	50,00	50,00	REFR MAG.	0,2000000	10,0000000	0000000000
3	1117464	SONGINO	GR	1,000	10,00	10,00	REFR LOCO	0,2000000	2,0000000	0000000000
4	1144138	PIATTO PER FREDDI	CL	100	0,97	0,97	SECC MAG.	0,2000000	0,1940000	0000000000
5	1144161	PIATTO PER FREDDI	CL	100	0,03	0,03	SECC MAG.	0,2000000	0,0600000	0000000000
6	X001437	PIATTO PER FREDDI	CL	100	0,00	0,00	SECC MAG.	0,2000000	0,0000000	0000000000

**Distinta base Ricetta**

Esegui Azione: Selezione

Conservazione: VEDI TABELLA TMC

Attrezzature di servizio:

SCONFEZIONARE LA BRESAOLA ED ELIMINARE EVENTUALMENTE IL BUELDLO.  
SCONFEZIONARE IL SONGINO NECESSARIO E I CAPRINI.

PREPARAZIONE  
PORRE GLI INGREDIENTI IN CONTENITORI PER ALIMENTI ADEGUATI CON COPERCHIO E

(img\_17)

Statistiche di prelievo - Microsoft Internet Explorer

Indirizzo: http://192.168.2.200:89/WI400/index.php?l=PRELSTAT&f=PREL\_STAT\_LIST

Gruppo Vega

Parametri: Statistiche di prelievo

Deposito mittente: 5001 - DEPOSITO VEGA TREVISO Operatore: TUTTI

Periodo: Dal 01/06/2010 al 08/06/2010 Tipo Movimento: ROLL

### Statistiche Prelievo

Operatore	Cod. Operatore	Nome Operatore	Numero missioni	Colli assegnati	Rolli assegnati	Colli Prelevati	Colli mancanti	Articoli mancanti	% Prelievo colli	Tempo lavor.
<input type="checkbox"/>	003	Zancanaro Walter	70	2.887	178	2.882	5	3	99,00%	24:57:55
<input type="checkbox"/>	009	Artuso Mauro	46	2.063	118	2.050	13	10	99,00%	15:16:14
<input type="checkbox"/>	021	Benendo Paolo	66	2.570	160	2.553	17	11	99,00%	18:26:39
<input type="checkbox"/>	052	Miotto Davide	184	732	235	730	2	2	99,00%	5:39:28
<input type="checkbox"/>	061	Marcassa Nereo	37	1.393	96	1.385	8	5	99,00%	15:17:21
<input type="checkbox"/>	072	Favaro Danilo	66	2.645	154	2.619	26	13	99,00%	19:31:51
<input type="checkbox"/>	076	Fardin Nicola	38	1.781	96	1.776	5	4	99,00%	14:55:33
<input type="checkbox"/>	102	Charradi Hassan	112	4.596	267	4.539	57	29	98,00%	34:19:46
<input type="checkbox"/>	145	Villardi Eustacchio	102	3.887	245	3.857	30	17	99,00%	29:17:05
<input type="checkbox"/>	163	Dussin Emanuele	79	3.402	202	3.350	52	14	98,00%	24:37:20
<input type="checkbox"/>	168	Tayaf Adil	105	4.555	267	4.527	28	19	99,00%	37:06:51
<input type="checkbox"/>	169	Xhira Kadri	68	269	87	268	1	1	99,00%	1:46:51
<input type="checkbox"/>	170	Hagen Olaf	67	2.712	170	2.681	31	15	98,00%	20:24:11
<input type="checkbox"/>	172	Benzeroual Hassan	151	4.484	319	4.435	49	24	98,00%	29:00:28
<input type="checkbox"/>	173	Gaye El Hadji Iba Amet	92	4.564	245	4.498	66	21	98,00%	27:54:19
Sub. -			2.065	75.410	4.806	74.627	783	347	98,96%	-
Tot. -			2.065	75.410	4.806	74.627	783	347	98,96%	561:38:53

Operazione completata

(img\_18)

Prenotazioni TO Storicizzati - Microsoft Internet Explorer

Indirizzo: http://192.168.2.200:89/WI400/index.php?t=TO\_LIST\_PASSATI&LCK\_DLT=true&f=

Gruppo Vega

Prenotazioni TO Storicizzati

Codice TO: contiene


Codice TO	Documento	Analisi	T.Acquis.	Prenotazione	Causale	Inizio Prenotazione	Fine Raccolta	Deposito	Num. Articoli	Num. Clienti	
<input type="checkbox"/>	TO A009DT13/04			Manuale	2934587	ASNO	23/03/2010	01/04/2010	5001	208	12
<input type="checkbox"/>	TO A009NAD			Manuale	2934592	ASNO	23/03/2010	07/04/2010	5001	18	101
<input type="checkbox"/>	TO A009SM13/04			Manuale	2934588	ASNO	23/03/2010	01/04/2010	5001	98	38
<input type="checkbox"/>	TO A009SM16/04			Manuale	2934589	ASNO	23/03/2010	01/04/2010	5001	98	67
<input type="checkbox"/>	TO A009SR13/04			Manuale	2934590	ASNO	23/03/2010	01/04/2010	5001	39	48
<input type="checkbox"/>	TO A009SR16/04			Manuale	2934591	ASNO	23/03/2010	01/04/2010	5001	39	0
<input type="checkbox"/>	TO A009TR13/04			Manuale	2934593	ASNO	23/03/2010	01/04/2010	5001	40	69
<input type="checkbox"/>	TO A009TR16/04			Manuale	2934594	ASNO	23/03/2010	01/04/2010	5001	40	0
<input type="checkbox"/>	TOD A009SM13/04			Manuale	2934595	ASNO	23/03/2010	01/04/2010	5001	35	0
<input type="checkbox"/>	TOD A009SM16/04			Manuale	2934596	ASNO	23/03/2010	01/04/2010	5001	35	70

Esegui azione: Seleziona

### Transfer Order

Utente: TESTSEG (TOW\_SEGRETERIA)  
Ente: CLIENTE GENERICO  
Ultimo accesso: 47:45  
Sistema informativo: VEGATEST Sistema informativo di prova Vega

Operazione completata



**SELEX**  
Communications  
A Finmeccanica Company

- Selezioni
- Menu Funzionalità
- Menu WI400
  - Modifica profilo
  - Visualizzazione stampa utente
  - Lista code di stampa
  - Aggiornamento WI400
  - Modifica password utente
  - Lista librerie del sistema
- Utente

Utente:  
WI400 (UTENTE WI400)  
Ente:  
\*NONE GENERICO  
Ultimo accesso:  
09-06-2010-18:23:05  
Sistema informativo:  
DEFAULT


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Thursday June 10, 2010

Spool file utente:WI400

Nome Spool	Job Name	Utente	Numero lavoro	Numero spool	Outq	Pagine	Stato	Modulo	Dati Utente	Data Creazione	
<input checked="" type="checkbox"/>	QPJOBLOG	PHPSIRI	WI400	505772	1	QUSRSYS	61	RDY	*STD	PHPSIRI	04/06/2010
<ul style="list-style-type: none"> <li>Visualizza dettaglio</li> <li>Converti in formato PDF</li> <li>Cancellazione spool</li> <li>Pagina Successiva</li> <li>Pagina Precedente</li> <li>Aggiorna Lista</li> <li>Esporta Lista</li> <li>Configura Lista</li> <li>Filtri lista</li> </ul>											
<input type="checkbox"/>	QPJOBLOG	PHPSIRI	WI400	505802	1	QUSRSYS	6	RDY	*STD	PHPSIRI	04/06/2010
<input type="checkbox"/>	QPJOBLOG	PHPSIRI	WI400	490607	1	QUSRSYS	3	RDY	*STD	PHPSIRI	27/05/2010
<input type="checkbox"/>	QPJOBLOG	PHPSIRI	WI400	490612	1	QUSRSYS	2	RDY	*STD	PHPSIRI	27/05/2010
<input type="checkbox"/>	QPJOBLOG	PHPSIRI	WI400	490596	1	QUSRSYS	7	RDY	*STD	PHPSIRI	27/05/2010
<input type="checkbox"/>	QPJOBLOG	PHPSIRI	WI400	490614	1	QUSRSYS	3	RDY	*STD	PHPSIRI	27/05/2010
<input type="checkbox"/>	QPJOBLOG	PHPSIRI	WI400	490616	1	QUSRSYS	3	RDY	*STD	PHPSIRI	27/05/2010
<input type="checkbox"/>	QPJOBLOG	PHPSIRI	WI400	477366	1	QUSRSYS	6	RDY	*STD	PHPSIRI	25/05/2010
<input type="checkbox"/>	QPJOBLOG	PHPSIRI	WI400	477375	1	QUSRSYS	2	RDY	*STD	PHPSIRI	25/05/2010
<input type="checkbox"/>	QPJOBLOG	PHPSIRI	WI400	477654	1	QUSRSYS	6	RDY	*STD	PHPSIRI	25/05/2010
<input type="checkbox"/>	QPJOBLOG	PHPSIRI	WI400	477740	1	QUSRSYS	5	RDY	*STD	PHPSIRI	25/05/2010
<input type="checkbox"/>	QPJOBLOG	PHPSIRI	WI400	477750	1	QUSRSYS	4	RDY	*STD	PHPSIRI	25/05/2010
<input type="checkbox"/>	QPJOBLOG	PHPSIRI	WI400	477751	1	QUSRSYS	2	RDY	*STD	PHPSIRI	25/05/2010
<input type="checkbox"/>	QPJOBLOG	PHPSIRI	WI400	477754	1	QUSRSYS	5	RDY	*STD	PHPSIRI	25/05/2010
<input type="checkbox"/>	QPJOBLOG	PHPSIRI	WI400	477757	1	QUSRSYS	3	RDY	*STD	PHPSIRI	25/05/2010
<input type="checkbox"/>	QPJOBLOG	PHPSIRI	WI400	478293	1	QUSRSYS	4	RDY	*STD	PHPSIRI	25/05/2010

**Gestione "smart" PDF**



Larimart S.p.A.  
00168 ROMA (ITALIA) - Via di Torrevecchia, 12 - Tel. 06.303431 - Telefax 06.30343385  
Cap.Soc.: Euro 2.500.000 i.v. - Iscrizione al Reg. Impr. Di Roma e Cod. Fisc. N. 00400420584 - P.IVA 00881071005

Pag. 1

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DOCUMENTO DI TRASPORTO D.P.R. 14-8-1996 n° 472 Art. 1 Comma 3

ROMA, 28/05/10	DESTINATARIO
TRASPORTO A CURA DEL:	
VS. RIF.	DOMICILIO O RESIDENZA
NS. RIF.	LUGO DI DEFFINAZIONE
CAUSALE TRASPORTO	

CODICE MATERIALE	DESCRIZIONE DEI SEGN (MATERIA-QUALITA')	U.N.	QUANTITA'	QUANTITA' LESTI.
51-06006	(-E-) MOLLA		*****	*****
RA04N/V4X32	NASTRO RAME CU BE 1/2 D 0,4 X	kg	,60	Z,PZ
51-06006	(-E-) MOLLA		*****	*****
RA04N/V4X32	NASTRO RAME CU BE 1/2 D 0,4 X	kg	,45	Z, HM
71-09728	MOLLETTA		*****	*****
RA04N/V5X6	CU-BE 1/2	kg	,01	Z, ZA
71-09728	MOLLETTA		*****	*****
RA04N/V5X6	CU-BE 1/2	kg	,14	Z, AH
71-08896	LAMELLA (-C-)		*****	*****
RA06N/V25X59	NASTRO RAME BERILLIO DOLCE 0,2	kg	,68	Z, PT
71-08896	LAMELLA (-C-)		*****	*****
RA06N/V25X59	NASTRO RAME BERILLIO DOLCE 0,2	kg	,51	Z, MA

how to find us:

<a href="http://www.wi400.com">http://www.wi400.com</a>	Official site
<a href="http://www.wi400.info">http://www.wi400.info</a>	On line demo (usr:demo, pw:demo)
<a href="mailto:info@wi400.com">info@wi400.com</a>	Official mail
<a href="http://www.linkedin.com/groups?gid=2896949">http://www.linkedin.com/groups?gid=2896949</a>	Linkedin discussion group
<b>Wi400</b> is realized and supported by <b>Siri Informatica</b>	<a href="http://www.siri-informatica.it">http://www.siri-informatica.it</a> <a href="mailto:info@siri-informatica.it">info@siri-informatica.it</a>