

PHP projects – an open source groupware applied at project „Regio“

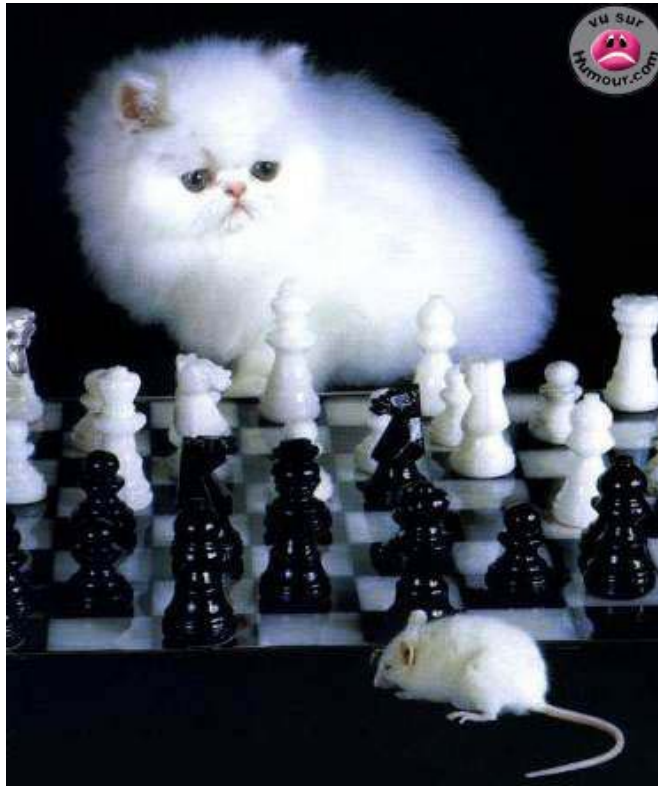


Olivier Girardin –
Hpartner
23. June 2003

What is better ?



Preliminary thought



“Free open-source software may not do everything, but if you don't need it, why pay for it ?”

Agenda

- **Who are we and what were our needs ?**
- Initial thoughts regarding the open-source world
- How did we realize our project
- Presentation of PHP
- First experiences
- Recommendations and conclusions



About hpartner



- Consulting company based in Nyon and Passau;
- 7 partners very specialized in Healthcare (hospitals, pharma, insurances);
- Service lines : strategy, performance management, finance & information management;

Some key success factors

- Work primarily in healthcare;
- Business model attractive for our partners;
- Be excellent in innovation, knowledge and project management;
- Be close to our customers (customer intimacy);
- Be flexible and have low costs;

Our initial needs

- Be able to store and retrieve knowledge rapidly, anytime, anywhere;
- Enable us to communicate and coordinate among us and with our clients;
- Work towards a zero paper environment;
- Feel part of a community;

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Initial thoughts about open-source

- Just about any kind of software can be found in open-source forms;
- Look at the sourceForge.net website which proposes about 86'000 programs !
- We found some 400 project management programs and 32 groupware;
- There are numerous communities (eg opengroup.org)

Disruptive....

- Truly disruptive technology does not get noticed until it's too late – MySQL starts competing successfully against Oracle – see SAP that recommends it !
- **SourceForge.net is the world's largest Open Source software development website,**
with the largest repository of Open Source code and applications available on the Internet. SourceForge.net provides free services to Open Source developers.

The logic

- MySQL, PHB can be downloaded free of charge (MySQL = daily 35'000 downloads) ;
- These software editors pay almost nothing in marketing, promotion, sales, distribution;
- Further, it's a fantastic quality control, since users have access to code;
- User community regularly enrich applications
→ these applications improve every day.

About phpMyAdmin

- phpMyAdmin can manage a whole MySQL server (needs a super-user) as well as a single database.
- To accomplish the latter you'll need a properly set up MySQL user who can read/write only the desired database.
- communicate in 47 different languages
- execute any SQL-statement, even batch-queries
- create PDF graphics of your Database layout
- Simple admin management – known IT standards

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How have we done it ?

Our initial vision was twofold :

- To create a virtual community for Hpartner with the following facilities :
 - Project management
 - Discussion forum
 - Knowledge management
- Work closer with our customers in a shared environment

Profile of our needs (1)

Bouton	Fonctionnalités	Commentaires
Home	espace accueil / news Pense-bête Liste des projets en cours Statut sur les e-mails (les nouveaux/non lus) Bloc "vote sur des sujets" Liste des nouveaux uploads (fichiers ou favoris) Liste des dates clefs de l'année	le partner voit qu'il est dans son bureau Un espace sur cette page est réservé pour les news Prévoir des groupes (chacun ne reçoit pas les mêmes infos)
Agenda	Equivalent outlook - au moins	doit pouvoir se synchroniser avec outlook
Contacts	Adresses et fiches contact (mini CRM)	Doit contenir des fiches clients bien structurées Contient également nos adresses Hpi Une liste commune et chacun sa liste privative (?) avec catégorisation + politique des accès
E-mails	accès à adresses hpartner et à d'autres	On doit pouvoir accéder directement à ses e-mails
Forum	Forum Hpi	Espace dynamique de discussions et d'échanges (adopter l'approche de T4L)
Favourites	Bookmarks structurés vers sites	Structure conviviale
Projects	Gestion de projets	Structure identique à celle adoptée par GIO Tous identiques jusqu'à 3 niveaux puis liberté

Profile of our needs (2)

Knowledge center	Gestion du savoir avec dépôts de documents	Clarifier la structure de cet espace > Hpi knowledge > Hpi process & methodologies > Hp articles stockés en base de donnée (assigner groupes de lecteurs et des mots clefs) > Hp teaching > links vers Mc Kinsey, etc.
People	CV des partners et autres membres du réseau	
Administration	TER / timesheet /BSC Règlements CI/CD et templates Modèles de contrats	Quid trouver un logiciel timesheet convivial ?
Meetings	Invitations / PV / dépôts doc référence	
Hpartner basic	Mission/vision/stratégie/concept Marketing and sales	
Ideas/research	Garder trace idées et produits potentiels	
About HPI	Description de comment fonctionne Hpi	
News/articles to read	News et articles de Hpi => à consulter rég.	
Quality	Description des processus Résultats mesure satisfaction Mesures amélioration qualité	> Hp Advisory methodology (avec toolbox/forms) > Hp administration > Hp people

Our key decisions

- Not to go with a “heavy weight”;
- Go with an open source solution;
- Be independent from vendors;
- Easy to use / intuitive / simple solution;
- Realise rapidly

Implementation of the solution

- Definition of the Project Management and Information sharing needs in brainstorming mode with a professional partner – 3 times 2-3 hours over 4 weeks
- Multiple iterations with an PM professional and an IT specialist to design customised skin, interface of the php based solution – 4 times 2-3 hours over 7 weeks
- Presentation, adjustment, test – 2ce 2 hours with the IT specialist over 4 weeks
- Total : once off cost CHF 1'500 + 3 bottles of fine wine over 12 weeks in "spare time"

Agenda

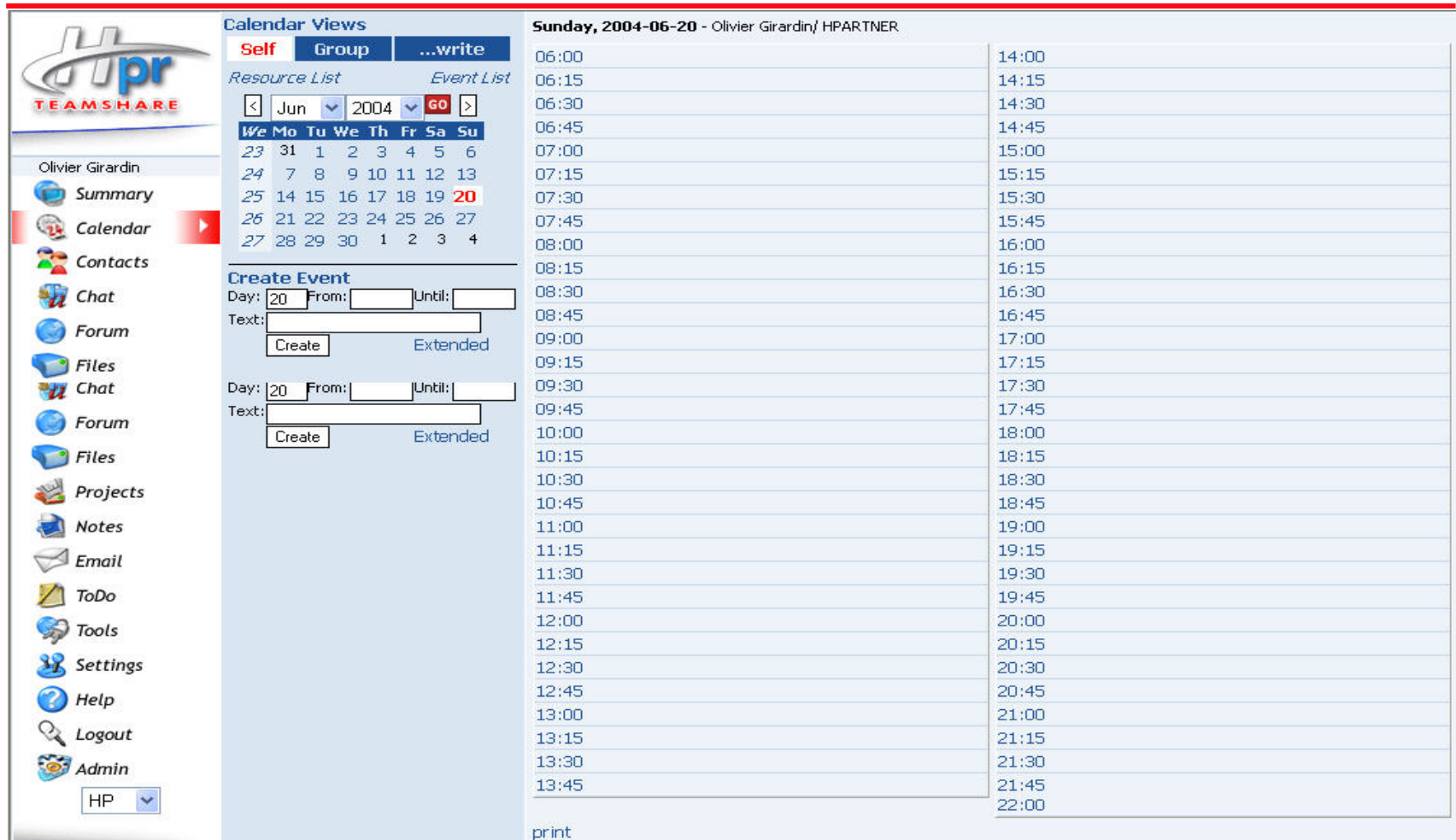


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Presentation of the Home screen

The screenshot displays the HPi Teamshare home interface. On the left is a vertical navigation menu with icons and labels for: Olivier Girardin (user name), Summary (highlighted with a red arrow), Calendar, Contacts, Chat, Forum, Files, Projects, Notes, Email, ToDo, Tools, Settings, Help, Logout, and Admin. Below the menu is a dropdown menu showing 'HP'. The main content area is a grid of sections: 'Summary' with a search box; 'Events today'; 'Current projects' showing 'Clinique Cécile' with a progress bar and a '%' sign; 'New forum postings'; 'New files'; 'New notes' with links 'How to use the forum application' and 'How to use Hpi Teamshare'; and 'Current todos' with a 'New votes' link.

Presentation of the Calendar screen



HPARTNER TEAMSHARE
 Olivier Girardin
 Summary
Calendar
 Contacts
 Chat
 Forum
 Files
 Chat
 Forum
 Files
 Projects
 Notes
 Email
 ToDo
 Tools
 Settings
 Help
 Logout
 Admin
 HP

Calendar Views
 Self Group ...write
 Resource List Event List
 Jun 2004 GO

We	Mo	Tu	We	Th	Fr	Sa	Su
23	31	1	2	3	4	5	6
24	7	8	9	10	11	12	13
25	14	15	16	17	18	19	20
26	21	22	23	24	25	26	27
27	28	29	30	1	2	3	4

Create Event
 Day: 20 From: [] Until: []
 Text: []
 Create Extended
 Day: 20 From: [] Until: []
 Text: []
 Create Extended

Sunday, 2004-06-20 - Olivier Girardin/ HPARTNER

06:00	14:00
06:15	14:15
06:30	14:30
06:45	14:45
07:00	15:00
07:15	15:15
07:30	15:30
07:45	15:45
08:00	16:00
08:15	16:15
08:30	16:30
08:45	16:45
09:00	17:00
09:15	17:15
09:30	17:30
09:45	17:45
10:00	18:00
10:15	18:15
10:30	18:30
10:45	18:45
11:00	19:00
11:15	19:15
11:30	19:30
11:45	19:45
12:00	20:00
12:15	20:15
12:30	20:30
12:45	20:45
13:00	21:00
13:15	21:15
13:30	21:30
13:45	21:45
	22:00

print

Presentation of the Contact screen

The screenshot displays the 'Contact Manager' interface. At the top left is the 'hpr TEAMSHARE' logo. Below it is a vertical navigation menu with icons for Summary, Calendar, Contacts (highlighted with a red arrow), Chat, Forum, Files, Projects, Notes, Email, ToDo, Tools, Settings, Help, Logout, and Admin. At the bottom of the menu is a dropdown menu showing 'HP'. The main content area is titled 'Contact Manager' with a dropdown menu set to 'Group members'. Below this is a sub-section 'Profiles' indicating '2 records'. A table lists the contact profiles with columns for Family Name, First Name, Short Company Form, Email, Phone 1, Phone 2, Phone mobil, and Fax. Below the table is an 'export:' section with a dropdown menu set to 'XML' and a 'GO' button.

Family Name	First Name	Short Company Form	Email	Phone 1	Phone 2	Phone mobil	Fax
Girardin	Olivier	OGI Hpartner	olivier.girardin@hpartner.com				
Matthey	Alexander	AMA	alex.matthey@dplanet.ch				



Presentation of the Files screen

The screenshot displays the 'File management' interface of the hpr TEAMSHARE system. At the top, there is a search bar and navigation options: 'all fields', 'open', 'closed', 'items/page' (set to 30), and a 'GO' button. Below this is a 'New |' link.

Name	Date	Byte	Category	Comment
[-] 01 Gestion projet	2004-01-05 18:30	D	01	
[-] Maîtrise	2004-01-05 18:33	D	01	
[-] Timesheet et TER	2004-01-05 18:33	D	01	
[-] 02 Correspondance	2004-01-05 18:31	D	02	
[-] Autre	2004-01-05 20:43	D	02	
[-] Offre	2004-01-05 20:44	D	02	
[-] PV	2004-01-05 20:44	D	02	
[-] 03 Documentation	2004-01-05 18:31	D	03	
[-] Documentation autre	2004-01-05 20:44	D	03	
[-] Reçues du client	2004-01-05 20:45	D	03	
[-] 04 Workpapers	2004-01-05 18:32	D	04	
[-] 05 Délivrables	2004-01-05 18:32	D	05	
[-] Evaluation finale	2004-01-05 20:45	D	05	
[-] Présentations	2004-01-05 20:45	D	05	
[-] Rapports	2004-01-05 20:46	D	05	
[-] 06 Tools and ideas	2004-01-05 18:32	D	06	

Sum: 16 objects, 0 Byte

On the left side, there is a navigation menu with icons for Summary, Calendar, Contacts, Chat, Forum, Files (highlighted with a red arrow), Projects, Notes, Email, ToDo, Tools, Settings, Help, Logout, and Admin. At the bottom left, there is a dropdown menu showing 'HP'.



Presentation of the Admin screen

The screenshot displays the Admin screen of the HP TEAMSHARE application. The interface is organized into a sidebar on the left and a main content area on the right.

Sidebar (Left): Features the HP TEAMSHARE logo at the top. Below it, a list of navigation icons and labels is provided: Olivier Girardin, Summary, Calendar, Contacts, Chat, Forum, Files, Chat, Forum, Files, Chat, Forum, Files, Chat, Forum, Files, Files, Projects, Notes, Email, ToDo, Tools, Settings, Help, Logout, and Admin (highlighted with a red arrow). At the bottom of the sidebar, there is a dropdown menu showing 'HP'.

Main Content Area (Right): Contains several management sections:

- User management:** Includes 'Create' and 'Modify' buttons, a dropdown menu with 'Girardin, Olivier', and a 'Delete' button.
- Roles:** Includes 'Create' and 'Modify' buttons, a dropdown menu with 'Top management', and a 'Delete' button.
- Helpdesk category management:** Includes 'Create' and 'Modify' buttons, a dropdown menu, and a 'Delete' button.
- Resources:** Includes 'Create' and 'Modify' buttons, a dropdown menu, and a 'Delete' button.
- Logging:** Includes a 'View' button, a dropdown menu with 'Girardin, Olivier', and two more dropdown menus with 'Jun' and '2004'.
- File management:** Includes 'Orphan files:', 'Delete' and 'Move' buttons, and a dropdown menu with 'Girardin, Olivier'.
- Bookmarks:** Includes a 'Check' button for invalid links and a 'Delete' button.
- Forum:** Includes 'Delete' buttons, a dropdown menu with '15' days, and a text input field for 'posting (and all comments) with an ID:'.
- Chat:** Includes a 'Delete' button and the text 'Chat script'.

At the top right of the main content area, there is a message: 'All Links are valid..'

What is PHP ?

- It is a very good tool to share and manage data when collaborating on projects;
- Our Teamshare provides an efficient way for multiple project participants to insert, retrieve and share information simultaneously;

Presentation of PHP

PHP (recursive acronym for PHP: Hypertext Preprocessor) is an open-source server-side scripting language (freely downloadable from php.net and zend.com) for creating dynamic Web pages for e-commerce and other Web applications.

A dynamic Web page is a page that interacts with the user, so that each user visiting the page sees customized information. Dynamic Web applications are prevalent in commercial (e-commerce) sites, where content displayed is generated from information accessed in a database or other external source.

Prominent corporations using PHP include, CBS, Unilever, Philips, Cisco, Japan Airlines, Air Canada, Lufthansa, GE Marketplace, Lycos/Maxinvest, Wallstreet: Online Germany; AuctionWatch, Sanctum (Perfecto), Transmeta, VillageVoice, Dialpad, BMC and NTT.

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First experiences are positive...

- We are only starting internally – the upload/download times are pretty long;
- Lack of time to put in place the content. Team members do therefore not see the full added value;
- We started successfully with a pharma company. We are now some 40 people working with Teamshare and experience is very positive;

But it's not perfect...

- The project cycle is not supported as with a specialized software;
- Our initial structure was too complicated and had to be simplified (be more intuitive);
- Our partners want an efficient solution for their “expense report”, timesheet and receivable management;

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Recommendations – PM tools

- Define precisely your needs;
- Evaluate the different alternatives available;
- Open source can be an excellent solution;
- There exist companies that can help you implement and manage your solutions;
- You may partner with other companies to develop specific solutions;

Recommendations – Project Management

- Project Management is a just a mean to achieve Corporate Objectives
- Project Management Tools is only support to this mean
- The Project Management is based on three pillars:
 - Processes (Decision bodies, KPI)
 - Organisation (Comm., Education, PMO)
 - Tool (Enterprise PM System, KM)
- PMs must make steps towards executives, not vice-versa : terminology, business focus, ROI, performance management, quality





Thank you for your attention

For your questions & suggestions :

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