

Модуль «TASKS»

Целевая аудитория – описание предназначено для разработчиков-интеграторов в первую очередь. Они собирают конструктор dotProject под свои нужды. Также они могут сделать выборку из данного документа как обзор для пользователей под конкретные проекты.

- вначале смотри модуль «Projects»

- вначале смотри модуль «Companies»

Обзор модуля «TASKS»

Задания (Задачи) - это фактические рабочие компоненты или задания, назначенные в рамках проекта. Задачи - это компоненты, с которыми выполняется работа, записываются часы, сохраняются обновления (в виде журналов задач) и обновляется ход выполнения. Задачи должны принадлежать проекту (но только одному проекту на задачу), задачи могут быть скопированы или перемещены по проектам. Зависимости задач не будут полностью функциональными до тех пор, пока в следующих выпусках не будет завершено полное планирование ресурсов и управление ими. Модуль задач автоматически включает в себя возможность записи журналов задач или обновлений для задач, которые затем могут быть просмотрены другими работниками / менеджерами.

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Description

We are very pleased to offer our enhancements to the dotProject Task and Project module. We invite input and collaboration from all who are interested.

Note: this patch has been tested for compatibility with dotproject2.0.4.

Highlights of the features we developed are also listed in the UPGRADE NOTES:

- *Add two configuration options to the task module in system configuration:*
 - *The configuration for child task display: whether all child tasks are shown by default under their parent tasks;*
 - *The configuration for host company id: users from the host company can view all the tasks/users in dotproject; users from other companies (clients) can only*

access tasks for their own companies, and view users from the host company and their own companies.

- *Change the way tasks with child tasks are displayed. (Previously, if a milestone task with child tasks are set as dynamic, its child tasks were not displayed properly.)*
 - *The new way uses the expand/collapse view (previously used for dynamic tasks only) for all tasks with child tasks. If "Always show child tasks" is checked in system configuration, all the tasks with child tasks will be expanded by default.*
- *Add "Calculated Progress" to tasks. This percentage is based on the total hours reported from task logs and the expected total hours for the task.*
- *Add "Calculated Progress" to projects. This percentage is based on the total hours reported from all task logs of the project and the scheduled hours for the tasks.*
- *Other fixes:*
 - *Disabled cost code in task logs;*
 - *Modify the access control of tasks, so that clients can access the projects and corresponding tasks that belong to their companies.*

License

the changes to the dotProject Task and Project modules are released under the [GNU General Public License \(GPL\)](#).

The patch will be submitted to dotProject developers for inclusion in their download. We have mirrored it here for your convenience.

Copyright

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Installation

Follow the information in the README below.

Links

To download the original dotProject [here](#)

Download

[Download New Task and Project modules](#) / [README](#) / [UPGRADE](#)

МОДУЛЬ «TASKS»:: **ОПИСАНИЕ** таблиц базы данных

```
CREATE TABLE `%dbprefix%task_log` (  
  `task_log_id` INT(11) NOT NULL auto_increment,  
  `task_log_task` INT(11) NOT NULL default '0',  
  `task_log_name` VARCHAR(255) default NULL,  
  `task_log_description` TEXT,  
  `task_log_creator` INT(11) NOT NULL default '0',  
  `task_log_hours` FLOAT DEFAULT "0" NOT NULL,  
  `task_log_date` DATETIME,  
  `task_log_costcode` VARCHAR(8) NOT NULL default "",  
  `task_log_problem` TINYINT( 1 ) DEFAULT '0',  
  `task_log_reference` TINYINT( 4 ) DEFAULT '0',  
  `task_log_related_url` VARCHAR( 255 ) DEFAULT NULL,  
  PRIMARY KEY ( `task_log_id` ),  
  KEY `idx_log_task` ( `task_log_task` )  
);
```

```
CREATE TABLE `%dbprefix%tasks` (  
  `task_id` int(11) NOT NULL auto_increment,  
  `task_name` varchar(255) default NULL,  
  `task_parent` int(11) default '0',  
  `task_milestone` tinyint(1) default '0',  
  `task_project` int(11) NOT NULL default '0',  
  `task_owner` int(11) NOT NULL default '0',  
  `task_start_date` datetime default NULL,  
  `task_duration` float unsigned default '0',  
  `task_duration_type` int(11) NOT NULL DEFAULT 1,  
  `task_hours_worked` float unsigned default '0',  
  `task_end_date` datetime default NULL,  
  `task_status` int(11) default '0',  
  `task_priority` tinyint(4) default '0',  
  `task_percent_complete` tinyint(4) default '0',  
  `task_description` text,  
  `task_target_budget` decimal(10,2) default '0.00',  
  `task_related_url` varchar(255) default NULL,  
  `task_creator` int(11) NOT NULL default '0',  
  `task_order` int(11) NOT NULL default '0',  
  `task_client_publish` tinyint(1) NOT NULL default '0',  
  `task_dynamic` tinyint(1) NOT NULL default 0,  
  `task_access` int(11) NOT NULL default '0',  
  `task_notify` int(11) NOT NULL default '0',  
  `task_departments` CHAR( 100 ),  
  `task_contacts` CHAR( 100 ),  
  `task_custom` LONGTEXT,  
  `task_type` SMALLINT DEFAULT '0' NOT NULL,  
  PRIMARY KEY ( `task_id` ),
```

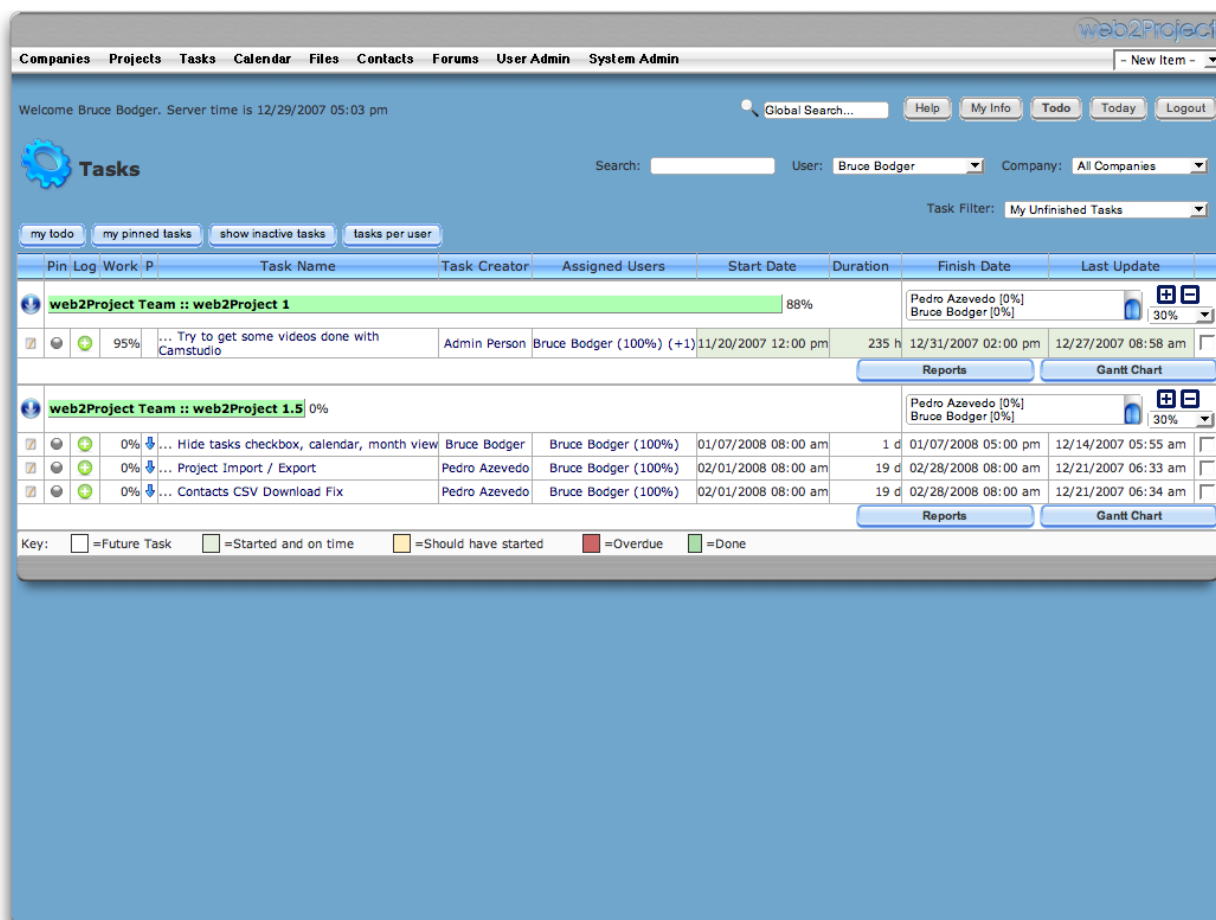
```
KEY `idx_task_parent` (`task_parent`),  
KEY `idx_task_project` (`task_project`),  
KEY `idx_task_owner` (`task_owner`),  
KEY `idx_task_order` (`task_order`),  
    KEY `idx_task1` (`task_start_date`),  
    KEY `idx_task2` (`task_end_date`)  
);
```

```
CREATE TABLE `%dbprefix%task_contacts` (  
    `task_id` INT(10) NOT NULL,  
    `contact_id` INT(10) NOT NULL,  
    KEY `idx_task_contacts` (`task_id`)  
);
```

```
CREATE TABLE `%dbprefix%task_departments` (  
    `task_id` INT(10) NOT NULL,  
    `department_id` INT(10) NOT NULL,  
    KEY `idx_task_departments` (`task_id`)  
);
```

МОДУЛЬ «TASKS»: ОПИСАНИЕ интерфейса

§01. Tasks {#module-tasks}



Скрин «Задания (Tasks)» (файл: : /modules/tasks/index.php)

After you have your first Project, the next thing to do is begin creating the Tasks. This is where the real features of DotProject (Web2Project) begin to come into play. The simplest and most direct route is to simply create all the tasks with start and end dates and be done with it. Alternatively, dependency can be meticulously planned, late task notifications activated, dynamic tasks used extensively for rollup reporting, and task logs used for time tracking to turn DotProject (Web2Project) into a centralized project management and collaboration hub. Depending on the needs of your organization, you can choose either of these alternatives or anywhere in between to fit your needs.

Task are used to define the Project's scope and represents the designers actual workflow. You may have 1 project with multiple tasks representing the projects details. The Task module helps you track and maintain your time and cost.

§02. View the Task List (Tasks index page)

Companies Projects Tasks Calendar Files Contacts Forums User Admin System Admin - New Item -

Welcome Bruce Bodger. Server time is 12/29/2007 05:06 pm

Global Search... Help My Info Todo Today Logout

View Task new task new file

tasks list view this project edit this task delete task

Details

Project: web2Project 1
Task: Try to get some videos done with Camstudio
Task Parent: Documentation
Owner: admin
Priority: normal
Web Address:
Milestone: No
Progress: 95%
Time Worked: 0

Dates and Targets

Start Date: 11/20/2007 12:00 pm
Finish Date: 12/31/2007 02:00 pm
Expected Duration: 235 hours
Target Budget \$: 0.00
Task Type: Unknown

Assigned Users

Bruce Bodger	macoftheeast@web2project.net
Stephen Pierce	Stephen.Pierce@cbre.com

Dependencies

none

Tasks depending on this Task

none

Description

Project Contacts

Name	Email	Phone	Department
Bruce MacOfTheEast	macoftheeast@web2project.net	631.222.2222	
Casey K	caseydk@web2project.net		w2P USA

tabbed flat

Task Logs Log Files

	Date	Ref	Summary	URL	User	Hours	Cost Code	Comments	
7	12/12/2007 03:35 am		Try to get some videos done with Camstudio		Pedro Azevedo	0.00 (0:00)		Stephen has reported that he already did most of it and that it would show me the work done next weekend.	✖
Total Hours =						0.00			

Key: ☐ =Normal Log ☐ =Problem Report

new log

Скрин «Задания (Tasks)» (файл: : /modules/tasks/index.php)

The Task List page is located when you click on the Task Menu. There are a number of filters you can set to change what you're viewing.

Filter | Description

----- | -----

User | View the tasks specific to a single user

Company | View tasks specific to a single company

Task Filter | View the tasks according to your unfinished tasks, your projects, and more

On the left of the page are buttons you can use to further filter your results.

* My todo

- * *My Pinned Task*
- * *Show Inactive Task*
- * *Task Per User*

At the center of the stage is a table with columns.

Field | Description

----- | -----

Pin | Mark as Yours

Log | Create a Task Log

Task Name | Click to View Details

Task Creator | Who Owns

Assigned Users | Who is Assigned

Start Date | When it was started

Duration | How long it will last

Finish Date | When its going to be done

Last Updated | When it was last updated

Also note that each task is color coded to help you identify when a task:

- * *Is a future task*
- * *If it has been started on time*
- * *If it should have started*
- * *If it is overdue*
- * *If it is done.*

View a specific Task (Task View Page)

When you click on a task name it will take you to the view task page where you can view comprehensive information about the task.

The main view page consist of eight (8) main categories.

Details

Dates & Targets

Assigned Users

Dependencies

Task Depending on this Task

Description

Contacts for this Task

Contacts for the Project.

Details

Field | Description

----- | -----

Project | Name of the project this task belongs to

Task | The name of the current task your viewing

Owner | The owner of the task

Priority | Either LOW, NORMAL, HIGH

Web Address | If the project has a URL

Milestone | Is this task a milestone of an array? Yes or NO

Progress | Lets you see how far along the project is in %

Time Worked | Based of the total time recorded from task logs

Dates & Targets

Field | Description

----- | -----

Start Date | Displays the date and time task started

Finish Date | Displays the dynamic end date

Expected Duration | Calculated by the dates and time combined together

Target Budget | Each task can have a target budget which should be consistent with the project overall budget

Task Type | Displays the task type

Under the main window are a set of tabs.

Field | Description

----- | -----

Task Logs | Displays the logs details, summary of hours, cost code used and comments

Log | Allows you to enter a new task log for this task

Files | Allows you to work with files associated to this task (See [Files Module](/modules/files.html) for more information)

Links | View links associated with this task (see [Links Module](/modules/links.html) for more information)

Resources | Displays the extra resources for this task (View the [Resources Module](/modules/resources.html) for more information)

Gantt Charts

The Gantt Chart is the center of nearly every project management system and no system could be considered complete without it. As you create tasks and dependencies, the system itself will handle the display and reordering to create the traditional waterfall pattern. To view the Gantt Chart, on any active project, click the Gantt Chart tab.

There are four key aspects to all Gantt Charts within DotProject (Web2Project):

** Tasks – A task on the chart will always appear as a bar shaded according to the task status. If the task is in progress – but not complete – it will appear in blue. As work is performed on this task and the percent complete is updated, a black bar will overlay the bar covering more and more of it. Finally, once the task is complete, the bar turns completely grey.*

** Dynamic Tasks – A dynamic task represents a series of other tasks as a rollup and does not have a duration itself. In order to represent this clearly, these tasks become a bar with a carat at each end and tasks below.*

** Dependencies – Dependencies are represented by arrows connecting tasks from one to another. Due to the day-based display of the chart, a task which ends on the same day that a future task begins may display an arrow going backwards. This is not necessarily an error.*

** Milestones – A milestone – regardless of its duration is designated with a black diamond on a single date.*

Task Logs / Reporting {#reporting-module}

Whenever a User wishes to log time against the task, they can view the Task and click “New Log” or they can click “Log” from the Todo List screen. Either route gives a simple interface for the user to update the progress, the hours worked, to select a costcode, and attach a comment. DotProject (Web2Project) requires a comment of some type to be logged, but there are no requirements in terms of the number of characters or form of the comment. The primary options available here are the email notifications. These three options determine who gets the status update. By default, only the Task Owner is notified but by selecting “Task Assignees”, “Task Contacts”, or “Project Contacts”, the respective group can be notified immediately upon update.

§03. Todo List

The most commonly used interface in the entire system is the “Todo List”. The default installation has this as all users’ first screen after Login. The columns represent the Task name, the color-coded Project name, and finally the color-coded date information. The color-coded date information is by far the most important aspect and represents the status of the Task itself. The four colors represent “Future Tasks” (white), “Started and on time” (green), “Should have started” (peach), and “Overdue” (red). This is an efficient way to monitor all your assigned open tasks and review deadlines across all Tasking. With the proper permissions, you can also choose to view other users’ lists.

Costcode Management

Costcodes – called Billing Codes, Project Codes, etc by some organizations – are a simple method of allowing different users to track their time against specific types of tasks on individual task log entries. Some of this information can be used to track the type of work performed – such as administrative work versus development work – or even between different developers with differing billing rates. The Billing-code Management in the System Admin section goes into greater detail on configuring this information for your users.

D> There has been quite a bit of discussion and development towards supporting detailed budget tracking and concepts such as Earned Value Management within DotProject (Web2Project). Although none of these efforts are currently available to the general public, consistent usage of Costcodes are vital to tracking the relevant information.

§04. Creating Tasks

The screenshot shows the 'Add Task' form in the web2Project application. The top navigation bar includes links for Companies, Projects, Tasks, Calendar, Files, Contacts, Forums, User Admin, and System Admin. A welcome message for Bruce Bodger and the server time (12/29/2007 05:04 pm) are displayed. A global search bar and buttons for Help, My Info, Todo, Today, and Logout are also present. The main form is titled 'Add Task' and includes a 'tasks list' button and a 'view this project' button. The form is divided into two main sections. The top section, titled 'Project: web2Project 1', contains fields for Task Name (required), Status (Inactive), Priority (low), Progress (0%), and Milestone? (checkbox). The bottom section, titled 'Details', contains fields for Task Owner (Bruce Bodger), Access (Public), Web Address, Task Parent (None), Task Type (Unknown), Departments, and Target Budget. A 'Select contacts...' button is located between the Task Owner and Task Type fields. A large text area for the Description is on the right side of the Details section. The form has 'cancel' and 'save' buttons at the bottom right.

Скрин «Создать новую задачу (Add Tasks)» (файл: /modules/tasks/addedit.php)

On any Project or Task screen, clicking the “new task” button will bring a user to the New Task screen. There are five main aspects of every task:

* Overview – This consists of the priority, percent complete, status, and milestone. The implications of these options are covered below. This overview is available regardless of which task is displayed.

§04.01. *Закладка (Tab) - Подробности (Details)*

web2Project

Companies Projects Tasks Calendar Files Contacts Forums User Admin System Admin - New Item -

Welcome Bruce Bodger. Server time is 12/29/2007 05:04 pm

Global Search... Help My Info Todo Today Logout

Add Task

tasks list view this project

Project: web2Project 1

Task Name *

Status Inactive Priority * low

Progress 0 % Milestone? ☐

* Indicates required field

cancel save

tabbed flat

Details Dates Dependencies Human Resources

Task Owner Bruce Bodger Task Type Unknown

Access Public Select contacts...

Web Address Departments

Task Parent: None Target Budget: \$

Description:

Скрин «Создать новую задачу (Add Tasks)» (файл: /modules/tasks/addedit.php)

* *Details* – The *Details* tab allows a user to describe the task, assign the owner, choose its parent task, and even categorize it into a relevant work classification via a Task Type. For simple task tracking, the only important information here is the Description as it will give the assigned individuals an overview of the required work. For more advanced task tracking, choosing a parent task becomes important for task display and for Dynamic (roll-up) Task calculations. The Target Budget is another field used predominantly for information purposes only, it is not used in any calculations or projections.

§04.02. *Закладка (Tab) - Даты (Dates)*

The screenshot shows the 'Add Task' form in the web2Project application. The top navigation bar includes links for Companies, Projects, Tasks, Calendar, Files, Contacts, Forums, User Admin, and System Admin. A welcome message for Bruce Bodger and the server time (12/29/2007 05:04 pm) are displayed. A global search bar and buttons for Help, My Info, Todo, Today, and Logout are also present. The main form is titled 'Add Task' and includes a 'tasks list' button and a 'view this project' button. The project is identified as 'web2Project 1'. The form fields include 'Task Name *', 'Status' (set to 'Inactive'), 'Priority *' (set to 'low'), 'Progress' (set to '0 %'), and 'Milestone?' (checkbox). A note states '* Indicates required field'. There are 'cancel' and 'save' buttons. Below the form, there are tabs for 'tabbed' and 'flat' views, and a 'Details' tab is selected. The 'Dates' sub-tab is active, showing 'Start Date' (12/29/2007), 'Finish Date', 'Expected Duration' (1 hours), and 'Calculate' buttons for 'Duration' and 'Finish Date'. The 'Daily Working Hours' are set to 8.0, and 'Working Days' are listed as Mon, Tue, Wed, Thu, Fri.

** Dates – The Dates tab allows a user can specify the start, end, and duration of a specific task. Once this information is set, the task will appear on the Calendar where appropriate. For either simple or advanced project management, this screen is used effectively the same. The only difference is that for Dynamic (Roll-up) Tasks, these dates and duration will be adjusted as child tasks are created.*

§04.03. *Закладка (Tab) - Зависимости (Dependencies)*

The screenshot displays the 'web2Project' application interface. At the top, a navigation bar includes links for Companies, Projects, Tasks, Calendar, Files, Contacts, Forums, User Admin, and System Admin. A 'Global Search...' field and buttons for Help, My Info, Todo, Today, and Logout are also present. Below the navigation bar, a welcome message reads 'Welcome Bruce Bodger. Server time is 12/29/2007 05:04 pm'. The main content area is titled 'Add Task' and features a 'tasks list' button and a 'view this project' button. The 'Project: web2Project 1' section contains a 'Task Name *' field, a 'Status' dropdown set to 'Inactive', a 'Priority *' dropdown set to 'low', a 'Progress' field set to '0 %', and a 'Milestone?' checkbox. A 'cancel' button and a 'save' button are at the bottom right of this section. Below the 'Add Task' section, there are tabs for 'tabbed', 'flat', 'Details', 'Dates', 'Dependencies', and 'Human Resources'. The 'Dependencies' tab is active, showing a 'Dependency Tracking' section with 'On' and 'Off' radio buttons, a 'Dynamic Task' checkbox, and a 'Do not track this task' checkbox. A list of 'All Tasks' is on the left, including 'User Interface', 'UI clean up', 'Test every interface', 'Create loadextra for Crumbs', 'Add a Framework second level Tabbox cl', 'Separate the reports portion from the pro', 'Hide Project Designer and make it an Ext', 'Visual Clean Up Pop Up Public Windows', 'Visual Clean Up of Tasks List', and 'DB Abstraction'. A 'Task Dependencies' box is on the right. At the bottom, there is a checkbox for 'Set task start date based on dependency' and two buttons, '>' and '<'. The 'web2Project' logo is in the top right corner.

* *Dependencies* – The *Dependencies* tab is where many of the advanced project management features begin to become available. For simple task tracking/ToDo management, the *Dependency* tab can be ignored but the options available here are central for all advanced project management. The first option available activates *Dependency Tracking*. This will ensure that the start date for this task shifts accordingly as early predecessor tasks shift or projects are delayed. To choose these predecessor tasks, a user simply selects the relevant tasks from the left box, pushes the “>” button. This will copy the task to the right box. This list can have tasks added or removed at any time.

The “Set task start date based on dependency” does exactly what it describes. It takes all of the dependencies selected and finds the latest of all End Dates to determine the earliest Start Date for this new task. Finally, there is an option to create *Dynamic (Roll-up) Tasks* which are used to represent groups of tasks. By choosing this option, any start date, end date, or duration information attached to this task will be calculated from all the tasks beneath it.

I> One of the new system settings available allows for *Dependency Tracking* to be turned on once globally for all Tasks. It can be deactivated on individual Tasks as needed.

The options available on the Dependencies tab create four types of tasks which are denoted distinctly throughout the system. Some of these automatically handle quite a few things for you while some do not. All of these tasks appear on the Calendar and on individual assignees Todo lists.

** First, there are basic tasks. These have fixed start and end dates, have fixed durations, and are updated by the assignees as time goes on. No information – other than percent complete – will change about these tasks without a user making the specific change by hand.*

** Next, there are dependency-driven tasks. Although the duration of these are fixed, their start and end dates are driven entirely by the predecessors. Therefore, if you have Task D which is dependent on Tasks A, B, and C being complete, the dates for Task D will shift as the dates for A, B, and C shift without a user editing D themselves. Since many screens are sorted by date – such as users' Todo lists, Calendars, and the various Task lists – dependency-driven tasks will shift around as necessary.*

** Next, there are dynamic or rollup tasks. Each of these tasks represent all of their child tasks in a single line with a simple “summary” of the lower-level data. This summary consists of the sum of all durations, the earliest start date, and the latest end date. Therefore, as various child tasks are edited or shift based on dependencies, these dynamic tasks will shift accordingly. The benefit of these tasks are that instead of having to monitor or report on each of the individual tasks, this higher level task can be used. The more detailed tasks are still available for review if necessary.*

** Finally, there are milestones. Most organizations tend to associate milestones with special events such as delivery dates, launch dates, or specific meetings. Therefore, a milestone is normally associated a task that is simply complete or not complete and not tracked to the same detail as other tasks. DotProject (Web2Project) by default will set the duration of milestones to zero hours.*

§04.04. *Закладка (Tab) - Human Resources*

Human Resources – The final aspect of creating a task is assigning it to the individuals who will be performing the work.

The screenshot displays the 'Add Task' form in the Web2Project application. The top navigation bar includes links for Companies, Projects, Tasks, Calendar, Files, Contacts, Forums, User Admin, and System Admin. A welcome message for Bruce Bodger and a global search bar are also present. The 'Add Task' section features a gear icon and buttons for 'tasks list' and 'view this project'. Below this, the 'Project: web2Project 1' is selected. The form includes fields for 'Task Name *', 'Status' (set to 'Inactive'), 'Priority *' (set to 'low'), 'Progress' (set to '0 %'), and a 'Milestone?' checkbox. 'cancel' and 'save' buttons are at the bottom of this section. The 'Human Resources' tab is active, showing two lists: 'Human Resources' (Admin Person, Bruce Bodger, Bruce MacOfTheEast, Keith Casey, Pedro Azavedo, Stephen Pierce) and 'Assigned to Task' (Bruce Bodger [100%]). Navigation buttons with arrows and a '100%' dropdown are between the lists. An 'Additional Email Comments' text area and a checked checkbox for 'Notify Assignees of Task by Email' are on the right.

D> One of the open questions within project management circles and within DotProject (Web2Project) itself is “What does it mean when a user is 50% assigned to a task?” This could mean either that the person should perform 50% of the work or that the person should spend 50% of their time on the task. This question can have a major impact on scheduling, timelines, etc. Therefore, DotProject (Web2Project) makes no distinction either way and leaves it up to the user to decide which practice to follow. This question will be answered in order to implement the Resource Management aspects of DotProject (Web2Project) v3.

When you are done filling in any of this information, all of the assigned people – other than the task creator – will immediately receive an email sharing this information along with a direct link to this task. This is to ensure that proper information is immediately available to the relevant individuals.

Email Notifications

There are three types of email notifications based on DotProject (Web2Project) Tasks.

** The first type is the notification sent when a task is created or edited. This notification contains the task description, the due date, and a link back to the task screen. By default, this notification is sent to all task assignees other than the task creator. System administrators can choose to automatically notify the creator.*

** The second type of notification comes when the assignees log time against a task. These notifications go immediately to the task creator and include the entire task log the user entered. Alternatively, when there are multiple assignees to a single task, the assignee can choose to send this update to the other assignees. When collaboration and cooperation is necessary on a task, this is a simple way for multiple people to coordinate and share information quickly without requiring the other team members to log in.*

** Finally, the third type of notification is for late tasks. This causes DotProject (Web2Project) to create a simple reminder email for each late task every day for 100 days. This can only be turned on via the system admin and is activated globally for all users on all tasks. Since this notification is not triggered by a user's action, the queuescanner script must be enabled. For further information, please see the section entitled Maintenance Tasks.*

Once the log is saved, these comments become a part of the ongoing project log, appear in many of the reports throughout the system, and are immediately sent to the Task Owner and group(s) selected. In addition, the percent complete of any parent tasks and of the overall project will change to reflect the new information. Therefore, anyone else viewing the project can immediately see the updated information and have a complete view of the project.

For organizations which require extensive reporting or accountability – especially common in legal, governmental, or medical areas, this model becomes useful for tracking projects closely and even on a daily basis. For others, this may be unnecessary noise and can be distracting. Therefore, the default for this notification can be set by the System Administrator and adjusted on a per-task update basis by the individual user.