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3.09 Workflow-Module

The workflow engine enables illustrating work processes within Projectile. Unlike a business process that describes a sequence of activities with the objective of service performance, a workflow is a predefined sequence of computer-aided flow of activities. The workflow engine in Projectile supports a business process, provided with necessary data and processes, according to the specifications stored in the system. The goal here is not a documentation for an organization or its employees, but rather the ability to automate the process.

Projectile's workflow engine is based on OSWorkflow from OpenSymphony and is part of the standard version.

Implementations example "Absence application"

In TimeTracker various workflows for the handling time periods (period-end closing, vacation application, ...) can be stored. The following example shows the implementation of a holiday application. After performing the action in the Time Tracker ...

The screenshot shows the 'TimeTracker Timothy Jones' application window. At the top, there is a toolbar with various icons and a search bar. Below the toolbar, a date '20.10.2009' is displayed. A dropdown menu is open, showing options: '01 - conclude last month and apply for approval of', '02 - conclude current month and apply for approval of', and 'Apply for holiday'. The 'Apply for holiday' option is highlighted. Below the menu, a table displays time tracking data for 'Tuesday, 20.10.2009'. The table has columns for 'From', 'To', 'Time', and 'Job'. The data rows show time intervals and corresponding job descriptions. At the bottom, a summary row shows a total of '9:30 h' and '4:10 h'.

From	To	Time	Job
08:00	14:40	6:40 h	Come and leave
10:30	13:47	3:17 h	3-3 Programming 4-3 - 3 Introduction Projectile
13:47	14:40	0:53 h	3-2 Installation Projectile - 3 Introduction Projectile
15:10	18:00	2:50 h	Come and leave
Σ		9:30 h	4:10 h

... a dialog for absence application is opened. Here the user can apply for absences (overtime compensation, recreation and special vacation) and cancel absences applied for or cancel approved absences.

Absence application

Application for Holiday

600

20.10.2009

20.04.2010

14

2009												2010											
Oct.			November			December			January			February			March			April					

Tate Adam (Holiday)																				
Tate Adam (SpareTimeCompensation)																				

Scheduled AppliedFor Confirmed Denied BankHoliday

Rest Holidays

0

Days

Applied-for Holidays

0

Days

DeltaTime

0

Days

AppliedNextYear

0

Days

Choose Absence

Holiday

Comment

Apply for Absence

-

Apply

Remove Absence

-

Remove

Absence application

Application for Holiday

600 20.10.2009 20.04.2010

14

2009			2010													
Oct.	November	December	January				February				March		April			
						1	2	3	4	5	6	7	8	9		

Tate Adam (Holiday)
 Tate Adam (SpareTimeCompensation)

Scheduled AppliedFor Confirmed Denied BankHoliday

Rest Holidays Days
 Applied-for Holidays Days
 DeltaTime Days
 AppliedNextYear Days

Choose Absence
 Holiday

Comment

Apply for Absence
 10.11.2009 - 24.11.2009

After confirming the application ...

Please confirm application for Holiday: 10.11.2009 - 24.11.2009

... the applied for vacation is then visualized ...

600 20.10.2009 20.04.2010

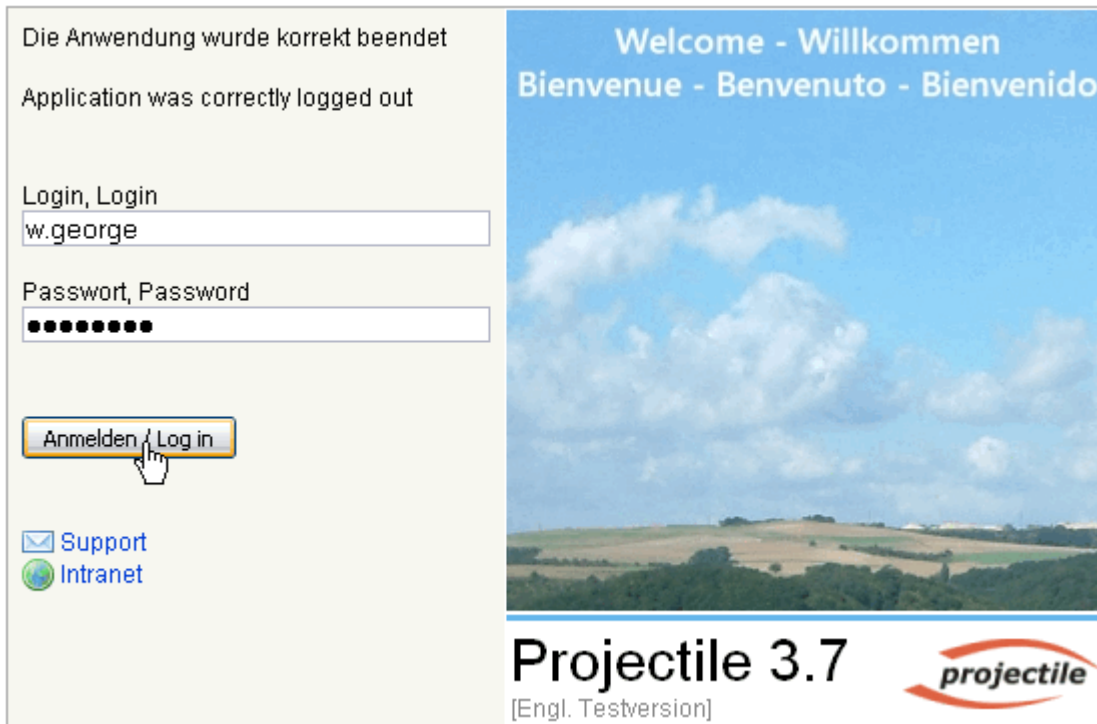
14

2009			2010													
Oct.	November	December	January				February				March		April			
						1	2	3	4	5	6	7	8	9		

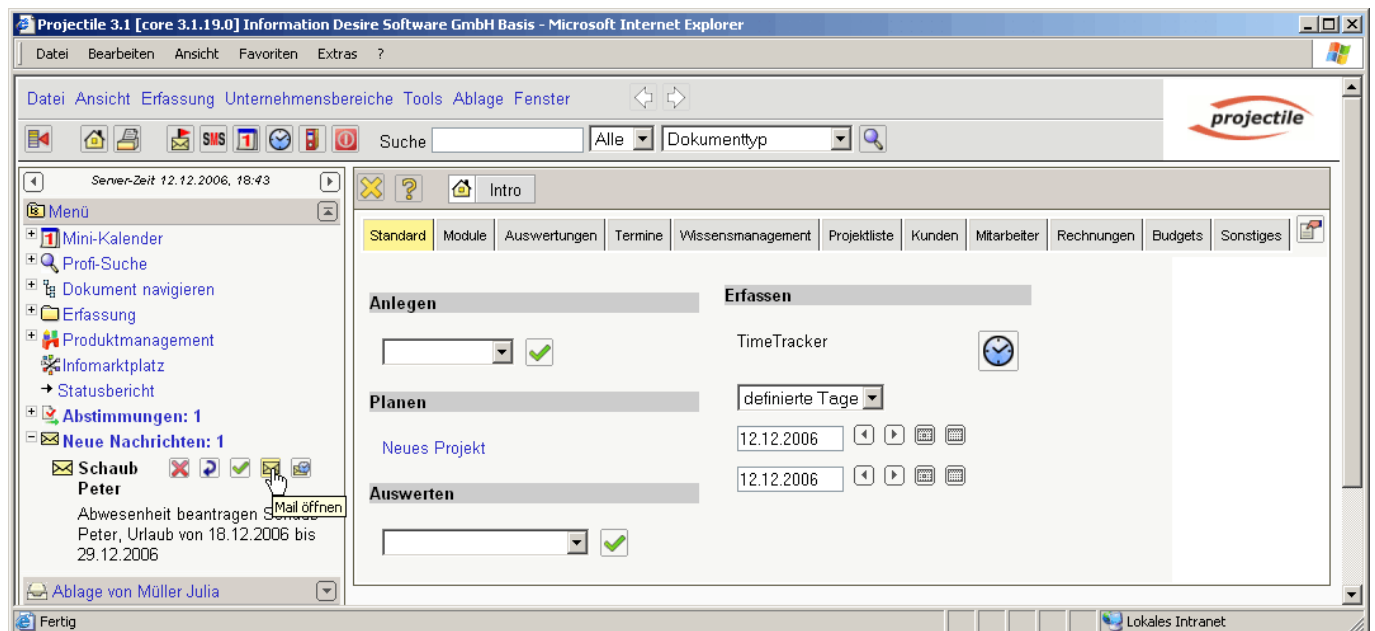
Tate Adam (Holiday)
 Tate Adam (SpareTimeCompensation)

Scheduled AppliedFor Confirmed Denied BankHoliday

and the supervisor (manager, personnel manager, project manager or unit manager) receives an internal message. In the example, the unit manager of the applicant ...



... is informed and receives a vote.



The employee is then informed of the vote through an internal message.

The Mailer interface displays a form for creating or editing an email. The left sidebar shows folders: Entwürfe (0/0), Geplante Sendungen (0/0), Gesendet (0/12), **Posteingang (1/7)**, and Projekte (0/1). The main form area includes fields for:

- Zeit:** 12.12.2006, 18:19:41
- Gelesen:** ☒
- Anhänge:**
- Absender:** Schaub Peter
- Interne Empfänger:** (empty field)
- Externe Empfänger:** (empty field)
- Geplante Zeit:** (empty field)
- Betreff:** Abwesenheit beantragen Schaub Peter, Urlaub von 18.12.2006 bis 29.12.2006
- Text:**

Abstimmung 1
Workflow: Abwesenheit beantragen
Abstimmung: Unitleiter
Mitarbeiter: Schaub Peter
Start: 18.12.2006
Ende: 29.12.2006
Erfassungsart: Urlaub

In the workflow engine a the holiday can either be ...

In der Workflow-Engine kann im Menüpunkt Abstimmung ...

The screenshot shows the Projectile 3.1 web application interface. The top navigation bar includes 'Datei', 'Ansicht', 'Erfassung', 'Unternehmensbereiche', 'Tools', 'Ablage', and 'Fenster'. The left sidebar contains a 'Menü' section with various options, including 'Abstimmungen: 1'. The main content area displays the 'Abstimmungen' (Voting) section with a table of voting records.

Abstimmung	Datum	Initiator	Workflow	Kommentar	Abstimmung	Abstimmungsmodus	Runde
☒	12.12.2006 18:19:41	Schaub Peter	Abwesenheit beantragen Schaub Peter, Urlaub von 18.12.2006 bis 29.12.2006		Unitleiter	Pro: Einer, Contra: Einer	1

The 'Vote' button is visible next to the first row of the table.

accepted or denied in the menu item "Ballot".

Abstimmung

Bitte stimmen Sie ab und geben Sie einen Kommentar ein

Unitleiter
Kommentar:
Mitarbeiter Schaub Peter
Start 18.12.2006
Ende 29.12.2006
Erfassungsart Urlaub
Verfügbarer Urlaub

Vote

Kommentar
Kein Kommentar

Zustimmung Ablehnung
Abbrechen

The applicant obtains a message of the vote from the system.



Depending on the voting results, the holiday is graphically displayed as vacation or as vacation

rejected in the absence application of the Time Tracker.

Projectile 3.1 [core 3.1.19.0] Information Desire Software GmbH Basis - Microsoft Internet Explorer

Datei Bearbeiten Ansicht Favoriten Extras ?

Datei Ansicht Erfassung Unternehmensbereiche Tools Ablage Fenster

Suche Alle Dokumenttyp

Abwesenheitsbeantragung

600 12.12.2006 01.01.2007

2006 2007

Dezember Januar

Woche 50 Woche 51 Woche 52

12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 1

Schaub Peter (Urlaub)

Schaub Peter (Sonderurlaub)

Schaub Peter (Freizeitausgleich)

Geplant Beantragt Bestätigt Abgelehnt

Verfügbarer Urlaub 11 Tage Beantragter Urlaub 0 Tage Differenz 11 Tage

Auswahl Abwesenheit: Urlaub

Kommentar

Beantragen Abwesenheit

Entfernen Abwesenheit

Beantragen Entfernen

Fertig Lokales Intranet

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Last update: **2019/10/25 14:09**

