



Kanban in



EGroupware

SMART ONLINE OFFICE

Kanban in EGroupware



- What is Kanban
 - Origin
 - In software development
 - Kanban for (almost) everything
 - Terms
- Kanban in EGroupware
- Kanban according to EGroupware 21.1

Kanban - Origin



Kanban is a method (for production process control)

Developed in 1974 at Toyota(Japan) as a method to avoid material shortages and overstocking.

Kanban: A compound of the two Japanese syllables kan and ban, which roughly means "signal card".

The result is a pull method where supplies are requested only when they are needed.

Kanban in software development



Transferred to software development, this method can be used to control development teams.

- no idle
- avoids overload
- is flexible

Kanban is an agile method. This essentially also means that improvements/work is done in small steps (evolutionary).

Kanban for (almost) everything



This method can be applied to many tasks.

Whenever small tasks make up a whole (project) and/or work is done in a (distributed) team, Kanban methods can be used to gain structure and an overview.

Especially in agile processes (no deadline) Kanban helps.

Kanban - Boundaries



Kanban has limits!

So it is not suitable to manage large amounts of information/tasks/tickets/... in a (single) board in a reasonable way.

And: The space of a screen is exhausted at some point.

Kanban terms



Board

A Kanban board is a board on which tasks are attached.

Column

The board is divided into columns, each of which has a title and represents the status of a task.

Map

A card represents a task (or a contact, ticket, ...).

Swimlane

Floating lanes are horizontal subdivisions of a Kanban board.

Kanban



Kanban



EGroupware SMART ONLINE OFFICE

E-Mail | Adressbuch | **Kanban**

Support Akut

Neuer Supportfall	In Bearbeitung	Warten auf Antwort	Erledigt
<p>Normal Starten 25.03.2021</p> <p>Supportcenter #15 Drucker braucht Wartung, druckt unsauber</p>	<p>Normal Starten 25.03.2021</p> <p>Supportcenter #25 Brauche Unterstützung bei Einrichtung Ha...</p>		
<p>Normal Starten 02.04.2014</p> <p>Supportcenter #2 Monitor for Mrs. Kordia is no longer working</p>			

Support Regelmäßig

Neuer Supportfall	In Bearbeitung	Warten auf Antwort	Erledigt
<p>Normal Starten 02.04.2014</p> <p>Supportcenter #4 Update of LibreOffice</p>			

Left sidebar icons: Home, Mail, Calendar, Address Book, Kanban, Tasks, Settings, Help, Logout.

Right sidebar: User avatars and initials (AS, RB, DD, T, IS, SX, HN, HM, CT, SM).

Kanban in EGroupware



- In EGroupware, Kanban is implemented as a module.
- This module takes objects (tasks, contacts, tickets, ...) and displays them in a Kanban board.
- Swim lanes can be added to a board to further divide/structure topics.
- A board can monitor changes to objects and add objects automatically.
- Changes to board objects can trigger automated actions (move, assign, ...).



Kanban in EGroupware



- Free design of columns and swimlanes: Number, colours, designations/names
- Available EGroupware applications and access permissions can be set.
- Access rights for swimlanes can be set separately.
- Cards are moved between columns (and swimlanes) by DnD.

Kanban in EGroupware



- Terms (swimlane...) can be adapted via Admin/Own translations.
- The access authorisation to the Kanban module can be regulated as usual via the access rights.
- The Kanban board can be found in the assigned objects under Links.
- Coming from the Kanban module, board-authorized persons can read objects, editing rights require delegation or ownership.

Kanban in EGroupware



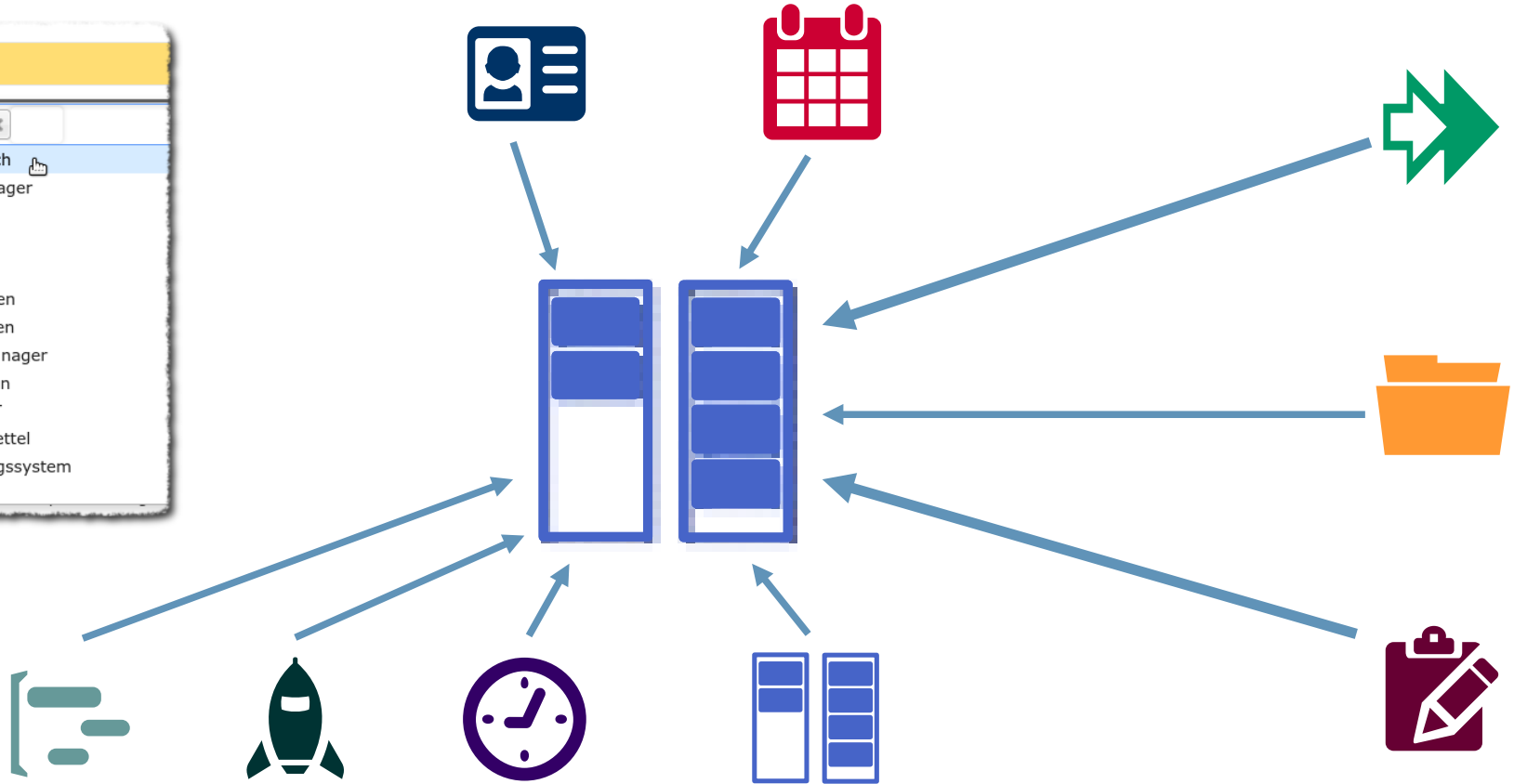
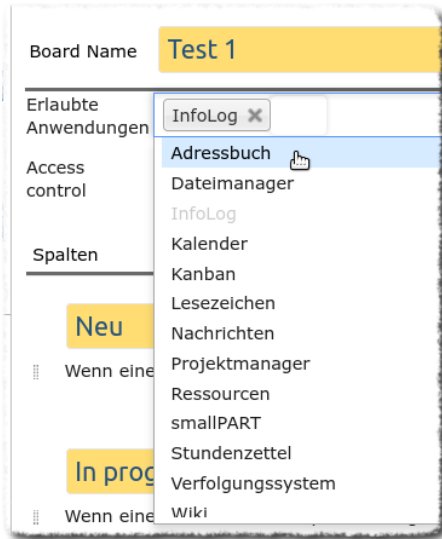
- Thanks to Push, changes on the board are implemented/displayed simultaneously to all users.
- The Kanban module can be used in parallel because it ultimately represents information from other, existing modules.
- Kanban integrates into EGroupware. No duplicate maintenance (tasks, tickets, users, ...), no interfaces, familiar environment, no ...

Kanban modules



- Through integration in EGroupware, objects from most modules can be inserted into a Kanban board.
- The insertion can be carried out manually via the link in the object, via the object context menu, via DnD or by creating a new object in the board.
- The objects can be opened/edited from the board.
- The objects are, so to speak, the back of a Kanban card.

Kanban modules



Kanban in EGroupware



Monitoring

of **objects in applications to automatically add them to a board/column.**

Example:

A new ticket (manual or email) from a queue is automatically added to the board of a/the team

Kanban in EGroupware



The screenshot displays the EGroupware Kanban interface. On the left, the 'Test 1' board is visible with columns: 'Spalten', 'Schwimmbahnen', and 'Überwachen'. The 'Überwachen' column is active, showing a list of entries with a red circle highlighting the 'Überwacht die Einträge und fügt Sie dem Board hinzu, wenn:' label. A red arrow points from this label to the 'kanban-edit_column' dialog box on the right.

The dialog box, titled 'kanban-edit_column: Überwacht die Einträge und fügt Sie dem Board hinzu...', contains the following fields:

- Überwacht die Einträge und fügt Sie dem Board hinzu, wenn:** Two buttons, 'InfoLog' (highlighted with a blue box) and 'Verfolgungssystem' (highlighted with a red box).
- Queue:** Ignoriert
- Kategorie:** 5,,,tracker
- Version:** Ignoriert
- Status:** Ignoriert
- Zugewiesen an:** Ignoriert
- Lösung:** Ignoriert
- Priorität:** Ignoriert
- Geschlossen:** Ignoriert
- Erstellt von:** Ignoriert
- Modified by:** Ignoriert
- Zuletzt geändert:** Ignoriert
- Erstellt:** Ignoriert
- Startdatum:** Ignoriert
- Fälligkeitsdatum:** Ignoriert

At the bottom of the dialog box are three buttons: 'Speichern', 'Übernehmen', and 'Abbruch'.

Kanban in EGroupware



Monitoring

of **objects on the board in order** to make **automated changes**.

Example:

Move from New to In Progress enters the task manager in an InfoLog.
Who moved the map...

Kanban in EGroupware



The screenshot displays the EGroupware Kanban interface. At the top, the board is named "Test 1". Below this, there are tabs for "Erlaubte Anwendungen" (InfoLog, Verfolgungssystem) and "Access control" (Optionen auswählen). The main area shows three columns: "Neu", "In progress", and "erledigt". Each column has a description and a pencil icon for editing. The "In progress" column is circled in red, and a red arrow points from it to a modal window titled "kanban-edit_column: Wenn eine Karte in die Spalte 'In progress' verschoben wird - Mozilla Firefox".

The modal window shows the configuration for the "In progress" column. It has tabs for "common", "InfoLog", and "Verfolgungssystem". The "common" tab is active, showing options for "Verknüpfen mit" (Adressbuch, Suchen), "Wenn die App das Zuweisen unterstützt:" (Optionen auswählen), "Zugewiesen hinzufügen" (Optionen auswählen), "Verantwortlich entfernen" (Optionen auswählen), and checkboxes for "Hinzufügen des Benutzers, der die Karte verschoben hat", "Hinzufügen der Schwimmbahn-Benutzer", and "Lösche vom Board".

At the bottom of the modal window, there are buttons for "Speichern", "Übernehmen", and "Abbruch".

Kanban in EGroupware



Possible applications:

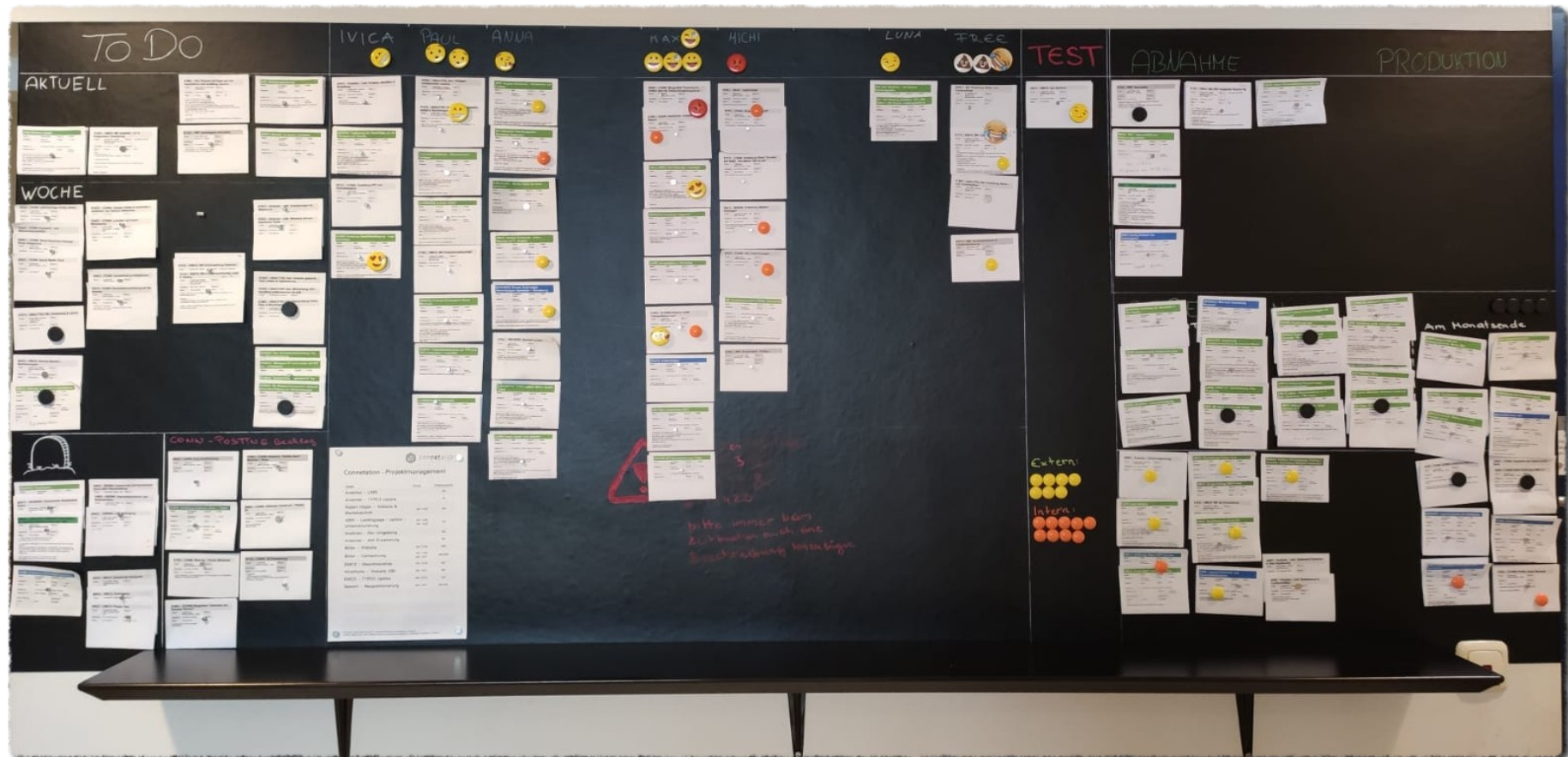
Imagination :-)

Example:

Staff scheduling

A client company is already using the Kanban module to plan employees.

Kanban in EGroupware



Kanban according to 21.1



We still have some ideas that we want to implement:

- ~~Fold in/out columns/swimming lanes~~ **implemented!**
- Optimisation on touch boards (Anyone interested/board?)
- ...

We develop along customer requirements!

Thus we have an open ear for requirements
(after settling in!).

Sources of information/help



EGroupware website

<https://www.egroupware.org/de/kanban>

Support

<https://my.egroupware.org/egw>

Forum

<https://help.egroupware.org/>

Worth reading pages on Kanban

<https://www.ionos.de/digitalguide/websites/web-entwicklung/kanban/>

<https://karrierebibel.de/kanban/>

Translations



The Kanban module is currently available in English and German.

For other languages we need support.

Whoever can and wants to, writes a short e-mail to

su@egroupware.org