


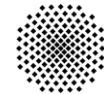
Community Meeting



mit Dr. Jasmin Hörter, Philip Hoyer,
Matthias Leander-Knoll, Paul Hoyer



 Baden-Württemberg
Ministerium für Wissenschaft,
Forschung und Kunst



Universität Stuttgart

Das haben wir mit Ihnen vor



1 Einblick in neue Features von bwJupyter

2 Ausblick und geplante Änderungen

3 Feedback zu bwJupyter

Erinnerung: Umlagemodell ab 01. April 2026

Folgende Hochschulen beteiligen sich bereits am Umlagemodell:

- Karlsruher Institut für Technologie
- Universität Heidelberg
- Universität Hohenheim
- Universität Konstanz
- Universität Mannheim
- Universität Stuttgart
- Universität Tübingen
- Universität Ulm
- Hochschule Aalen
- Hochschule Albstadt-Sigmaringen
- Hochschule Biberach
- Hochschule Furtwangen
- Hochschule Karlsruhe
- Technische Hochschule Mannheim
- Hochschule Offenburg
- Technische Hochschule Ulm
- Hochschule Pforzheim
- Hochschule Ravensburg-Weingarten
- Hochschule Reutlingen
- Hochschule für Technik Stuttgart
- DHBW Stuttgart

Das zeichnet bwJupyter aus!

Dienst

🌐 Leicht zugänglich und geräteunabhängig

👤 Begleitmaterialien für Dozierende

🔧 eigene Profile für Dozierende

📄 schnelles und unkompliziertes Abgabesystem

✅ umfassendes Bewertungssystem mit automatischer Korrektur

💻 Nutzung von Rechenpower (CPU, RAM, GPU)

📦 Bereitstellung gängiger Pakete und Tools (z.B. PyTorch, RStudio, MATLAB, ...)

👥 Kollaboratives Arbeiten und Gruppenarbeit

📁 Zugriff auf Lehr- und Lernmaterialien (ZOERR)

🤖 KI-Assistent

Projekt

⚡ Schneller Support

💬 offen für Feedback und Verbesserungsvorschläge

🔍 Transparente Entwicklung und Nutzung

Highlights seit dem Wintersemester 2025/26

Geteiltes Verzeichnis für Collaborators

Gruppenarbeit in Echtzeit

Integration der KI-Toolbox mit lokalen LLMs

Studierenden-Übersicht für Dozierende

Neuer Deprovisionierungsprozess

Studierenden-Sicht einnehmen

Neue Profil-Option: Pakete automatisch installieren

Changelog	
2026-02-24	Deprovisioning of Users Added
Starting from now on, we will deprovision users who lost access to bwIDM or have been inactive for over a year. All the files in their personal home directory will be deleted. Please take a look at our website at https://www.bwjupyter.de/197.php to find more information.	
2026-02-21	Auto-Install Packages Improved
We've added a new profile option for profiles using the Grader service or RTC with groups. The new option automatically installs the Python packages required by the features to work. Before, the lecturer was responsible for including the packages by using a custom Docker image. If the new option is enabled, the necessary packages will be automatically installed. The automatic package installation works for all JupyterLab base profiles and should also work for custom Docker images running JupyterLab. If you experience any issues with the new option, please let us know gwipoon@bw-idm.de .	
2026-02-09	New Large Language Model (LLM) available Improved
Due to the latest KI-Toolbox update, the profile bwJupyter - Jupyter AI received an update regarding the following model: <ul style="list-style-type: none">Added the coding mode MiniMax-3.1	
2026-02-04	Student Impersonation Added
Following requests from several lecturers, we are finally able to present the student impersonation feature! Using the button "impersonate student" in the navigation bar, lecturers can not only simulate but impersonate a student. After re-logging, a JupyterHub student account, namely <code>shub-lecturer-account</code> , is assigned to the lecturer. This way, lecturers can really see how students experience bwJupyter. Please refer to bwJupyter's documentation for more information.	
2026-01-28	Deprovisioning of Profiles Added
Starting from now on, we will deprovision expired profiles. According to the end dates of profiles, all the related profile information, including shared files and groups, will be permanently deleted. Please take a look at our website at https://www.bwjupyter.de/197.php to find more information.	
2026-01-19	Profile end dates align with semester ends Improved
Due to upcoming deprovisioning mechanisms for profiles in the next couple of weeks, we standardize the end date of custom profiles: Instead of selecting an end date up to one year ahead, the end date will be automatically computed to match the next semester end one year ahead. For example: <ul style="list-style-type: none">Creating a profile at <code>18. February 2026</code> will result in an end date of <code>31. March 2027</code>.	

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- Geteiltes Verzeichnis für Collaborators
- ✗ Gruppenarbeit in Echtzeit
- Integration der KI-Toolbox mit lokalen LLMs
- Studierenden-Übersicht für Dozierende
- Neuer Deprovisionierungsprozess
- ✗ Studierenden-Sicht einnehmen
- ✗ Neue Profil-Option: Pakete automatisch installieren

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Demo!

Wie geht's mit bwJupyter weiter?

Kurzfristig

- Kooperationsverträge vorbereiten
- Zugang zu bwJupyter regulieren (siehe Umlagemodell)
- Zugang zum MATLAB-Profil regulieren (siehe neue Landeslizenz)
- Git-Repository bei Profil-Erstellung angeben
- Grader-Service aktualisieren

Mittelfristig

- Übergang vom MWK-geförderten Projekt zum Regelbetrieb eines Landesdienstes
- Gast-Konten für Nutzende ohne Hochschulangehörigkeit (z.B. Schülerinnen und Schüler, Lehrkräfte)
- Profilverwaltung verbessern (Besitzer ändern, Profile kopieren)

Langfristig

- Erprobung E-Prüfungen
- Eigene Container Image Registry für Dozierende
- Neue Profile bereitstellen (z.B. Kotlin, Rust, JupyterGIS, ROS)

Feedbackrunde

1. Anonymisiertes Feedback geben (10 min)

- Das finde ich gut.
- Das sollte verbessert werden.
- Das fehlt mir noch.
- Das ist mir unklar.

2. Gemeinsame Besprechung und Diskussion (5 min)

Whiteboard unter
<https://tinyurl.com/bwj-board>



Empfehlen Sie bwJupyter weiter!



<https://bwjupyter.de>



support@bwjupyter.de