



SAP Build Code

Teaching and Learning Environment
SAP University Competence Center Magdeburg

AI-Powered Application Development with SAP Build Code

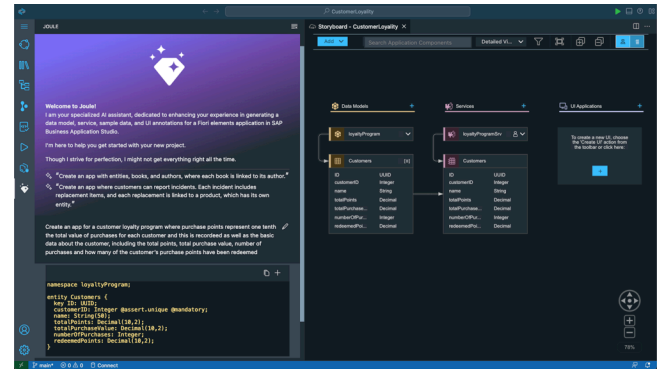
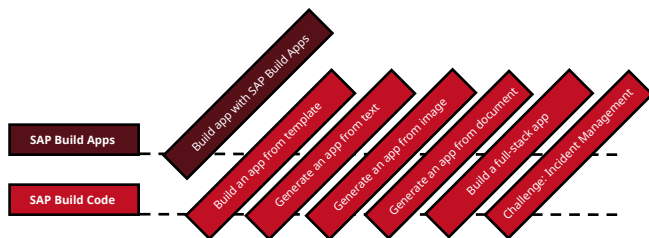
SAP Build Code is part of the SAP Build cloud solution family, which is embedded in the SAP Business Technology Platform (BTP) and addresses the topics of application development and automation. While SAP Build Process Automation records recurring tasks and makes them error-free and automatically repeatable (No-Code), SAP Build Apps is a Low-Code development environment that allows users with minimal programming knowledge to build complex applications.

SAP Build Code completes this learning offering for business informatics and computer science students with Pro-Code. This approach involves classic software development, where professional programmers can write their own code with maximum flexibility using a wide variety of languages such as ABAP, Java, and Python. What makes this environment for programming professionals so special is the innovative support provided by generative AI. SAP Joule has been specially tailored for development in the SAP environment, taking into account SAP-specific services, APIs, and best practices.

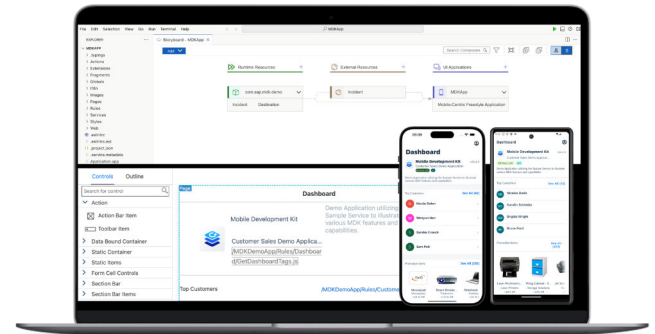
The curriculum

Development with SAP Build Code Using the Example of Global Bike

In the curriculum, students learn the basics of AI-supported development with SAP Build Code using a practical case study based on the fictional company Global Bike. Seven modules cover key functions and tools, from classic low-code development to the use of AI assistants and image processing.



app development with SAP Joule



mobile development kit with SAP Build Code

Learning Opportunities

Sandbox Learning Environment

- Environment globally shared with other institutions
- Enables sharing and viewing projects worldwide
- Ideal for demos and non-critical lectures
- Not recommended for graded courses or research and co-innovation projects

Exclusive Learning Environment

- Exclusive for individual educational institutions
- Instructors can view their students' projects
- Students can share their projects with peers from the same institution

Services for teaching, research and co-innovation

SAP University Alliances is a global program that provides more than 3,000 universities with free SAP software licenses for academic purposes. Within this program the SAP University Competence Centers (UCC) host SAP solutions for teaching, research and co-innovation.

In addition UCCs develop and manage academic teaching materials to assist lecturers and researchers. While UCCs assure 24/7 availability of complex system landscapes and support users closely, faculty members can fully concentrate on their core competences: teaching and research.

By using our scenario-based and practical curricula on latest SAP solutions, lecturers and students can reach their full potential. Our comprehensive teaching materials consist of presentations, case studies and hands-on exercises. Additional teaching tools facilitate continuous student assessments and foster group discussions.

Our experts can support you through all phases.

Contact

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