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WestAI Service Center

Tuesday, March 5, 2024 4:10 PM (20 minutes)

Artificial Intelligence (AI) transforms various industries with its potential for intelligent automation, leading to the creation of innovative products and services. This technological paradigm shift poses unique challenges and opportunities for research software engineers, pushing them to integrate AI into their software to maintain academic competitiveness.

In response to these evolving needs, the WestAI service center, funded by the BMBF, was established in Germany. WestAI represents a consortium of institutions, each recognized for their expertise in machine learning, artificial intelligence, and scalable computing. The center offers support to businesses and research groups aiming to integrate AI into their products and workflows. To achieve this, WestAI adopts three key strategies:

1. **Research and Development:** WestAI researchers are committed to developing open, extensive, and multimodal datasets and models suitable for a wide range of applications. Their work focuses on deepening the understanding of AI models and culminates in the creation of models, datasets, and knowledge that will be made publicly available.

2. **Consultation and Training:** The service department at WestAI aids research groups and industry partners in the adoption of AI. Services range from initial project feasibility consultations to implementation guidance and prototype development. Additionally, WestAI provides training, courses, and best practices in relevant areas.

3. **Compute Resources:** To support these initiatives, WestAI offers robust, scalable hardware resources and corresponding AI frameworks.

This presentation will offer a comprehensive overview of WestAI's services and infrastructure, demonstrating how they can advance AI projects. For further information and to engage with our experts, please visit westai.de.

Slot length

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Session Classification: Local RSE-related Organisations

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