MindSpore Source Code

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- **Huawei open sources MindSpore: claims to provide 'all-scenario AI computing framework'** [2]

  Huawei made a series of important announcements at the Huawei Developer Conference 2020 (Cloud) ? HDC.Cloud, on March 28, notably that MindSpore, the all-scenario AI computing framework, goes open source on Gitee, and that ModelArts Pro, the first-ever AI app development suite for enterprises, goes live on HUAWEI CLOUD. Huawei also showcased some of the significant applications for Huawei's Atlas AI computing platform, on the cloud, edge, and devices. In doing so, Huawei has delivered the full-stack, all-scenario AI solutions for developers that it had first unveiled at HUAWEI CONNECT 2018.

- **Huawei open-sources AI framework MindSpore to rival Google?s TensorFlow** [3]

  China?s Huawei Technologies Co. Ltd. today said it has open-sourced a framework for artificial intelligence-based application development called MindSpore.

  First revealed last year, MindSpore is an alternative to well known AI frameworks such as Google LLC?s TensorFlow and Facebook Inc.?s PyTorch. It can scale across devices, cloud and edge environments, Huawei said in a statement. The code is now available to download on GitHub and Gitee.

- **Huawei open-sources TensorFlow competitor MindSpore** [4]

- **Huawei Makes TensorFlow Competitor MindSpore Open Source** [5]

Huawei has made its MindSpore AI framework open source. The Chinese tech giant is competing with the well-known AI frameworks from Google and Facebook, with a large number of advantages that ?Ai algorithms as-a-code? can provide.

In a statement, the Chinese tech giant states that its MindSpore AI framework is suitable for developing AI applications. The AI ??framework ? co-developed with universities in Beijing and the United Kingdom and with a Turkish start-up ? can easily be rolled out in various environments, such as on devices, within (multi) cloud and edge environments.

Huawei launched the new AI framework last year in conjunction with the Ascend 910 processor. The AI ??chip provides 256 teraflops of computing power on FP16, and that at a power consumption of 350 watts. With MindSpore and the Ascend 910 in addition to that new chip, the company has the most important components in the hands of a full AI stack.

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