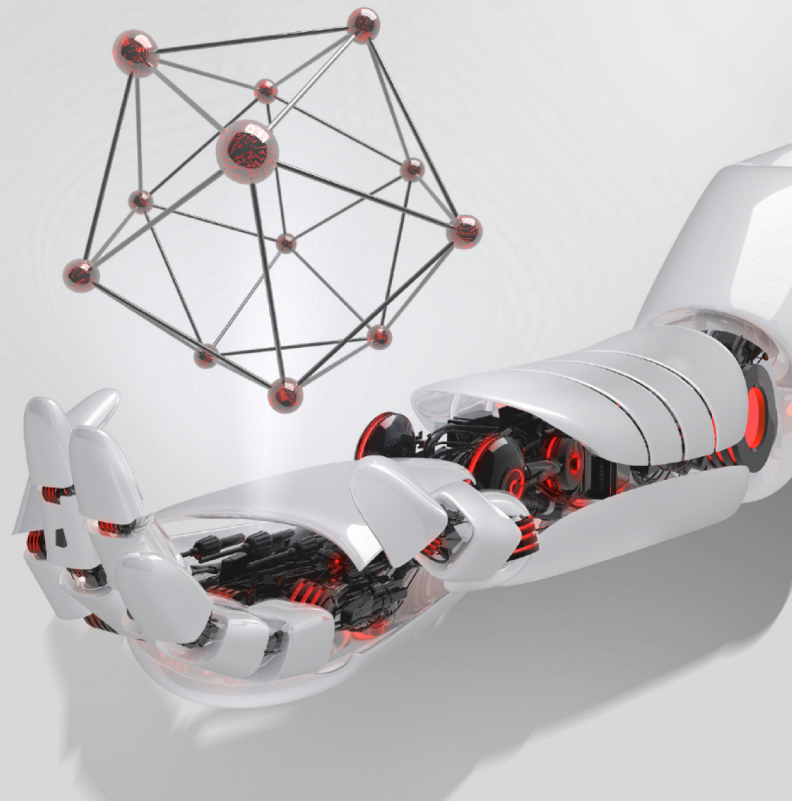# My Participation in ServiceComb

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HUAWEI

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Biography

Joined in Red Hat Software in 2009, mainly engaged in work related to Transaction Manager. Participated in the Narayana and Blacktie projects as a core developer.

Participated in the implementation of the Saga part of Apache ServiceComb and optimized the exception and timeout test scenarios by using tools such as Byteman since the end of 2017. Made deep research on distributed transaction processing and transaction processing in microservice-based environments.

My First Meet with ServiceComb

- Red Hat Narayana LRA (Long Running Action)

- ServiceComb Saga

- We need to solve the same problems:

  - How to manage transactions in microservice-based environments

  - Limitations of traditional ACID in distributed environments

  - Eventual consistency based on the Saga model

My Contributions to the Saga Project

- Used the Byteman tool to optimize the exception and timeout test scenarios.

- Cooperated with Narayana LRA in defining specifications.

- Fixed some bugs in Timeout cases.

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How to Advance Skills in Open-Source Projects

- Introduce open-source projects into your work.
    - Make practices in live environments.
    - Ask questions or participate in discussions by means of mailing lists or discussion groups.
    - Submit the bug report.

- Introduce your work to open-source projects.
    - Complete open-source project documents.
    - Complete the test cases and sample code of open-source projects.
    - Make your work and open-source projects well integrated.

- Be a fan of open source.
    - Help yourself and others solve problems.
    - Fall in love with coding.

Suggestions for Developers

- Don't be afraid to ask questions.

- Learn from practices to advance your skills continuously.

- Try to be an active contributor to open-source projects.

Open-Source Projects Need Your Participation

- Contributions benefit and inspire us all, no matter how small or big they are.

- The only difference between us is our roles and responsibilities.

- You can always find what is suitable for you in open-source projects: development, test, documentation, or discussion groups.

Thank you.

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每个组织，构建万物互联的智能世界。

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organization for a fully connected,
intelligent world.