Introduction to Distributed and **Embedded Multi-agent Systems**

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Development Tools



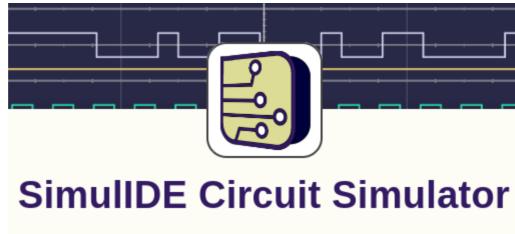






ChonIDE, SimulIDE e Webots







Souza de Jesus, V., Mori Lazarin, N., Pantoja, C.E., Vaz Alves, G., Ramos Alves de Lima, G., Viterbo, J. (2023). An IDE to Support the Development of Embedded Multi-Agent Systems. In: Mathieu, P., Dignum, F., Novais, P., De la Prieta, F. (eds) Advances in Practical Applications of Agents, Multi-Agent Systems, and Cognitive Mimetics. The PAAMS Collection. PAAMS 2023. Lecture Notes in Computer Science(), vol 13955. Springer, Cham. https://doi.org/10.1007/978-3-031-37616-0_29

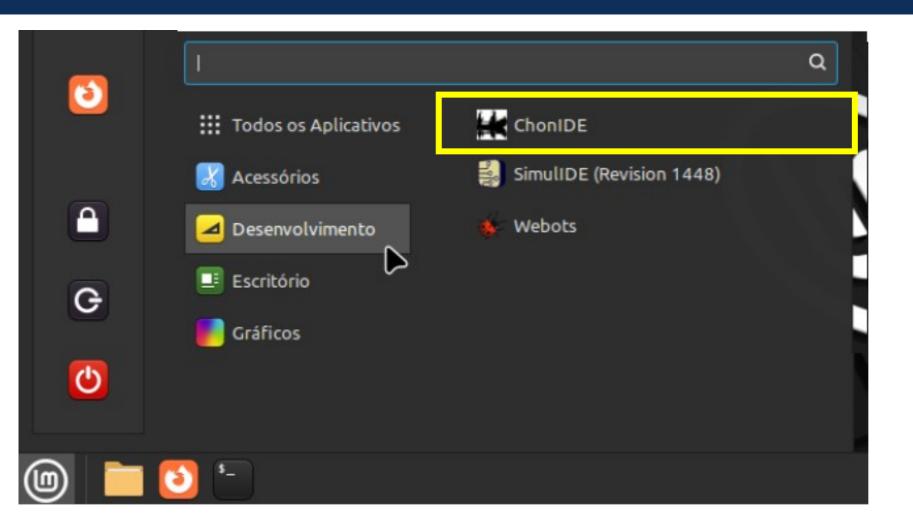
Michel, O. (1998). Webots: Symbiosis Between Virtual and Real Mobile Robots. In: Heudin, JC. (eds) Virtual Worlds. VW 1998. Lecture Notes in Computer Science(), vol 1434. Springer, Berlin, Heidelberg. https://doi.org/10.1007/3-540-68686-X_24

González, Santiago. "SimulIDE Circuit Simulator", 2023. https://simulide.com.











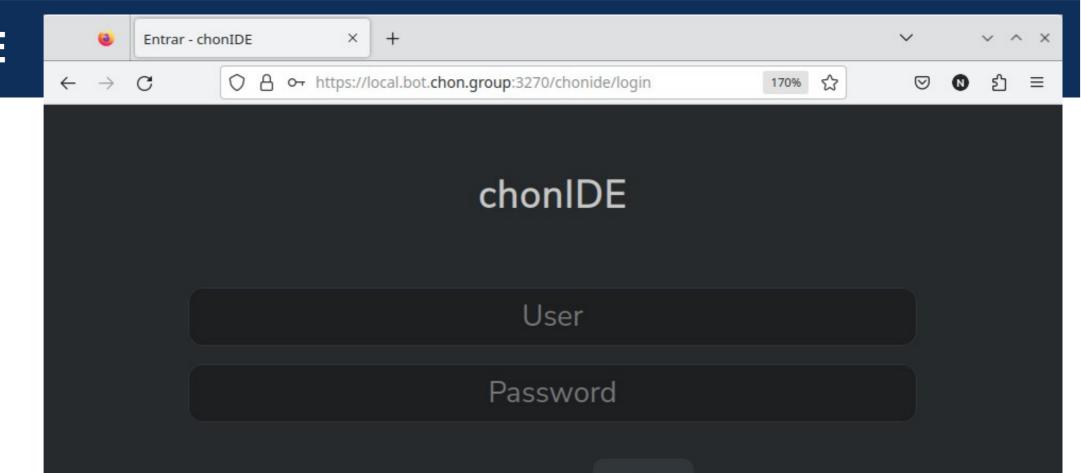
Manual de Instalação https://github.com/chon-group/ chonIDE/tree/main/doc







ChonIDE



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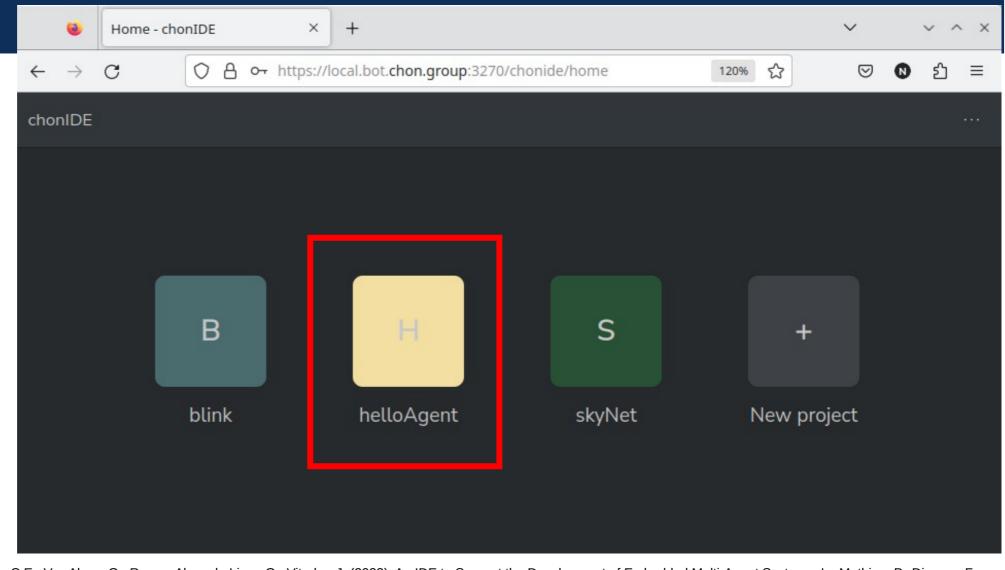
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Localhost





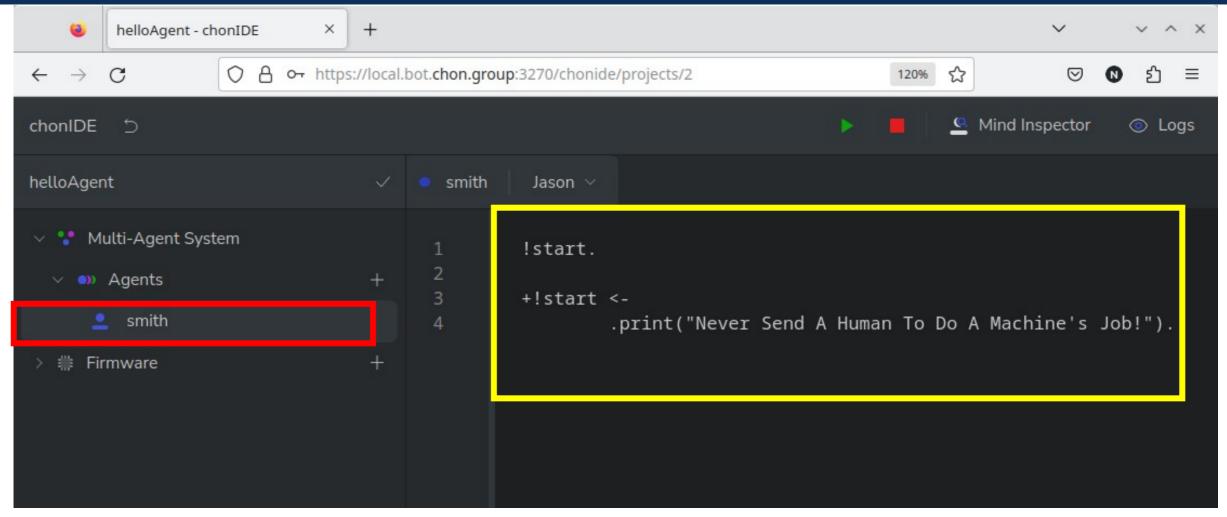








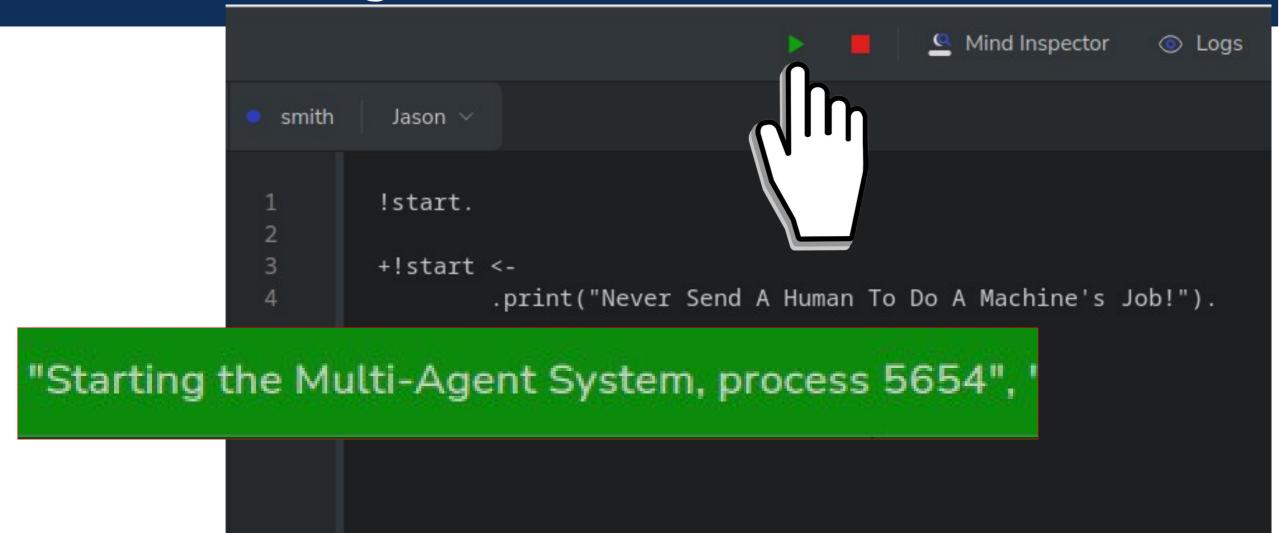








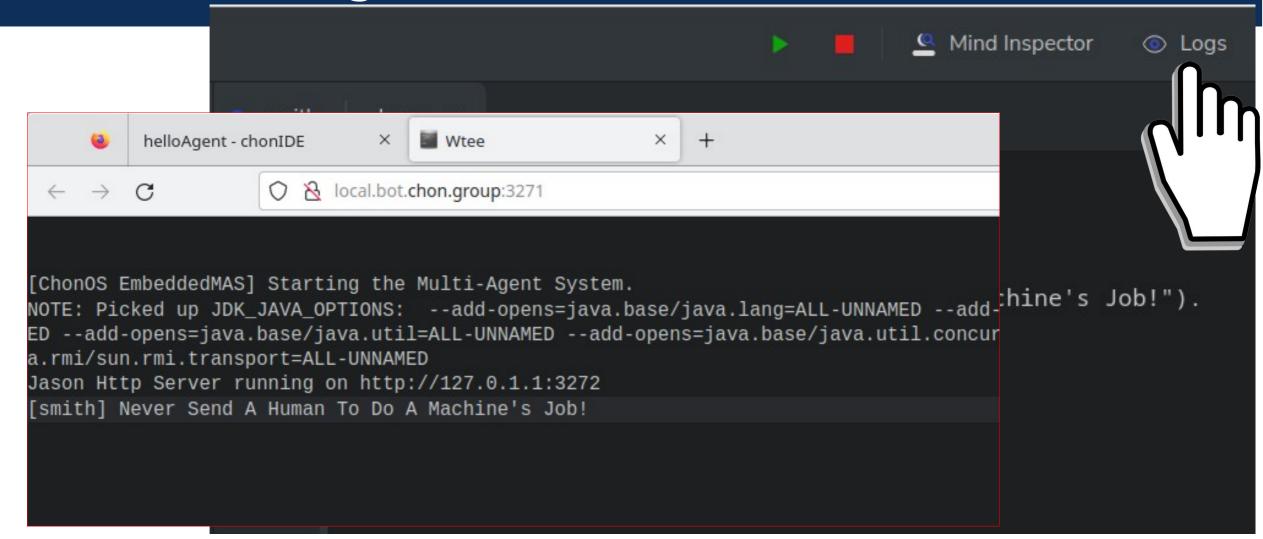










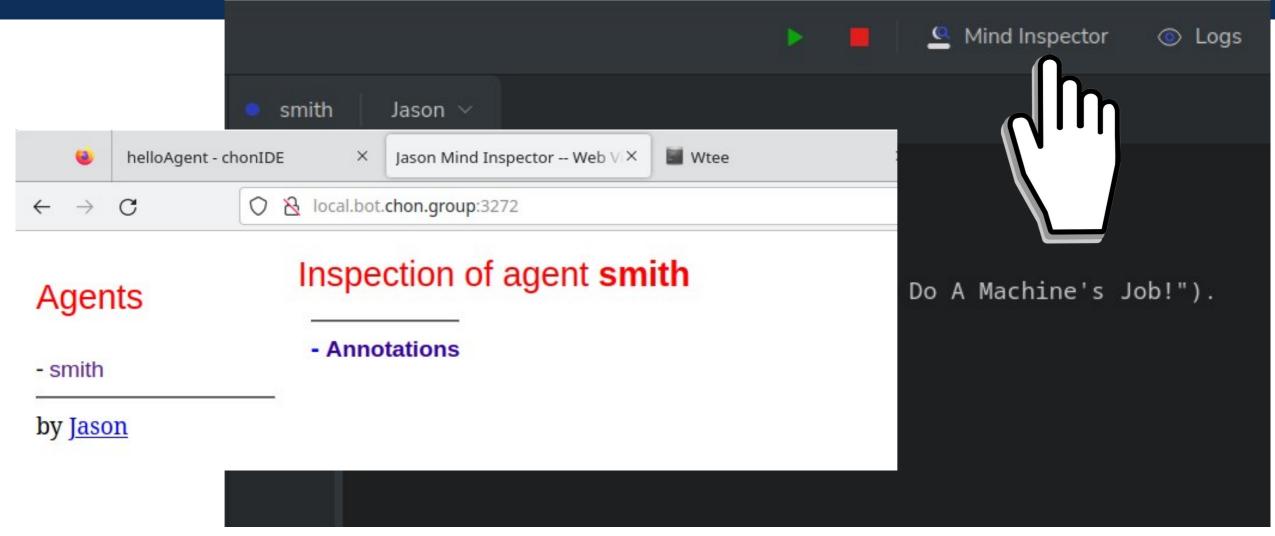


Pantoja, C.E., Jesus, V.S.d., Lazarin, N.M., Viterbo, J. (2023). A Spin-off Version of Jason for IoT and Embedded Multi-Agent Systems. In: Naldi, M.C., Bianchi, R.A.C. (eds) Intelligent Systems. BRACIS 2023. Lecture Notes in Computer Science(), vol 14195. Springer, Cham. https://doi.org/10.1007/978-3-031-45368-7_25





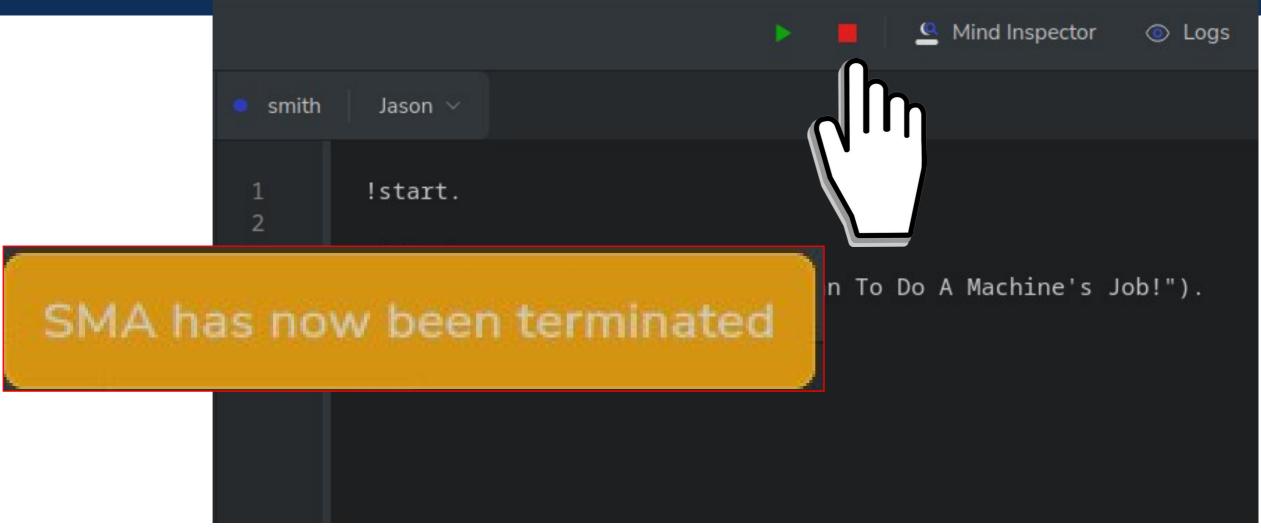




Bordini, R.H., Hübner, J.F. (2006). BDI Agent Programming in AgentSpeak Using Jason . In: Toni, F., Torroni, P. (eds) Computational Logic in Multi-Agent Systems. CLIMA 2005. Lecture Notes in Computer Science(), vol 3900. Springer, Berlin, Heidelberg. https://doi.org/10.1007/11750734 9









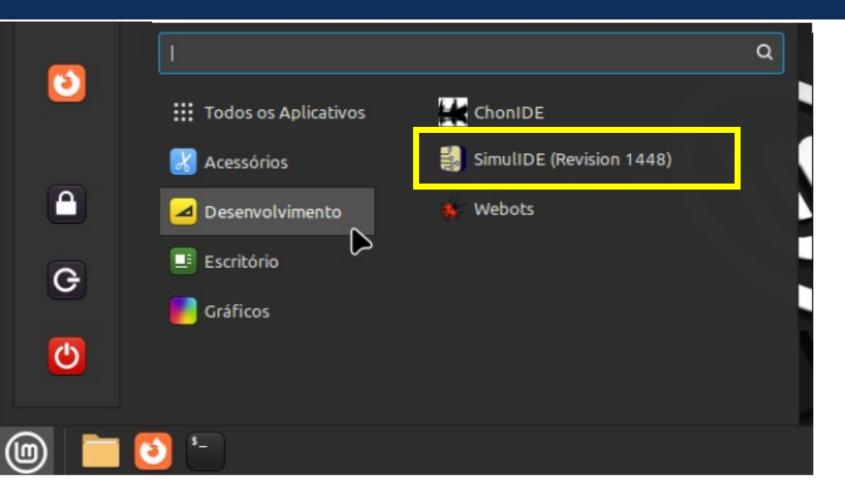












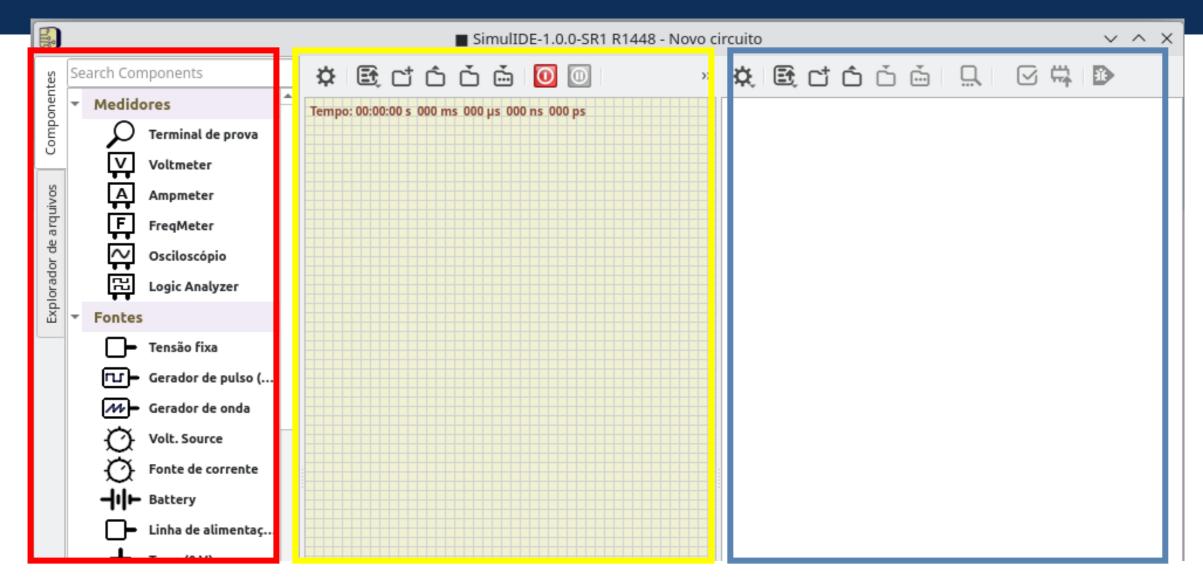


Manual de instalação https://github.com/chon-group /dpkg-simulide

















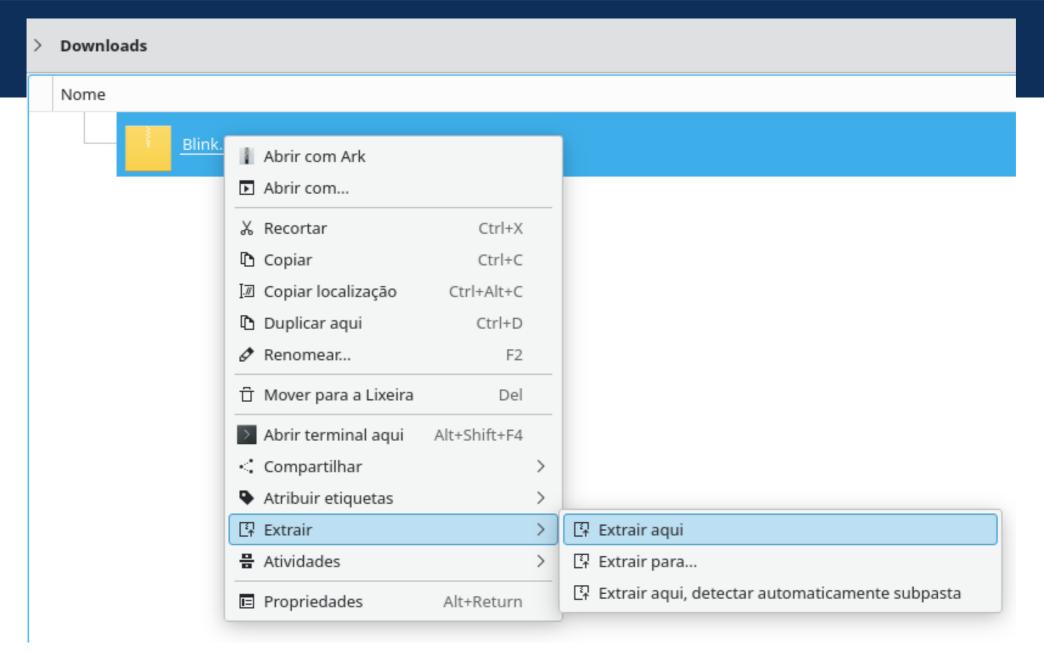


https://github.com/chon-group/distributedAndEmbeddedAl/raw/main/course/05-TheDevelopmentTool/Examples/Blink.zip





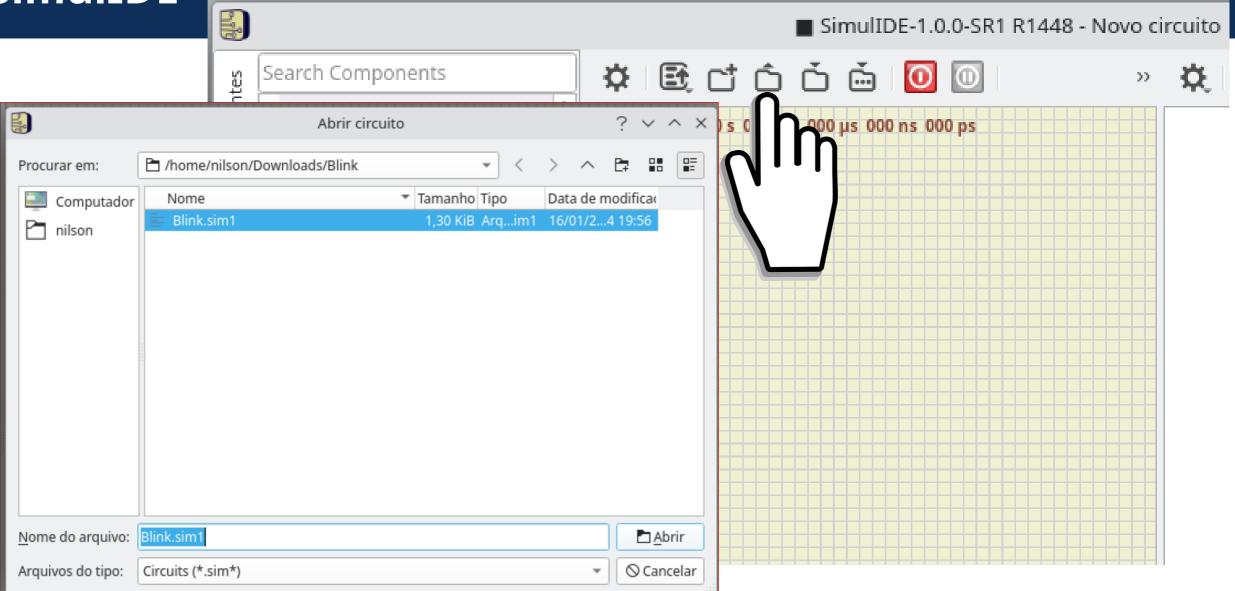






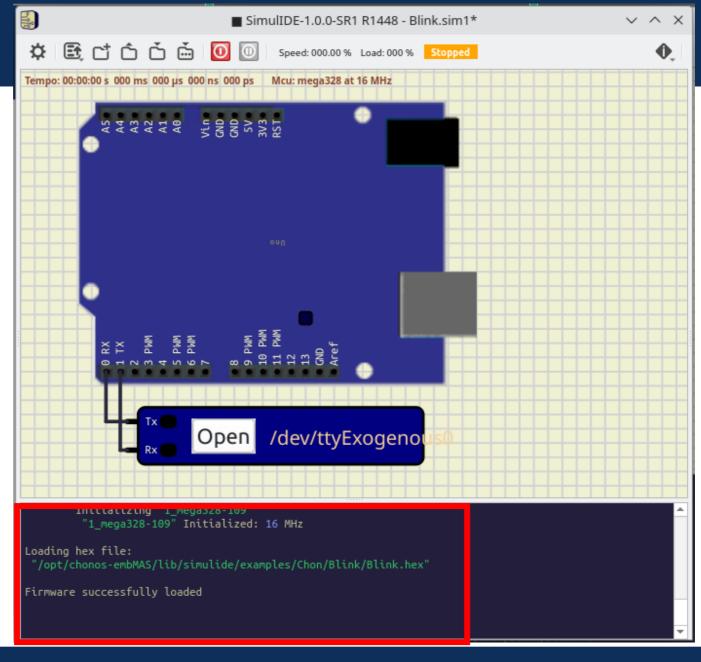








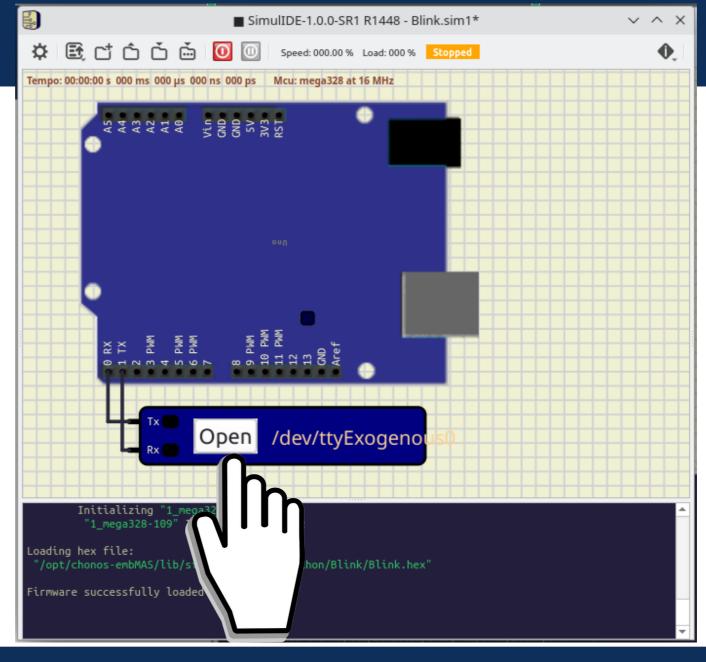








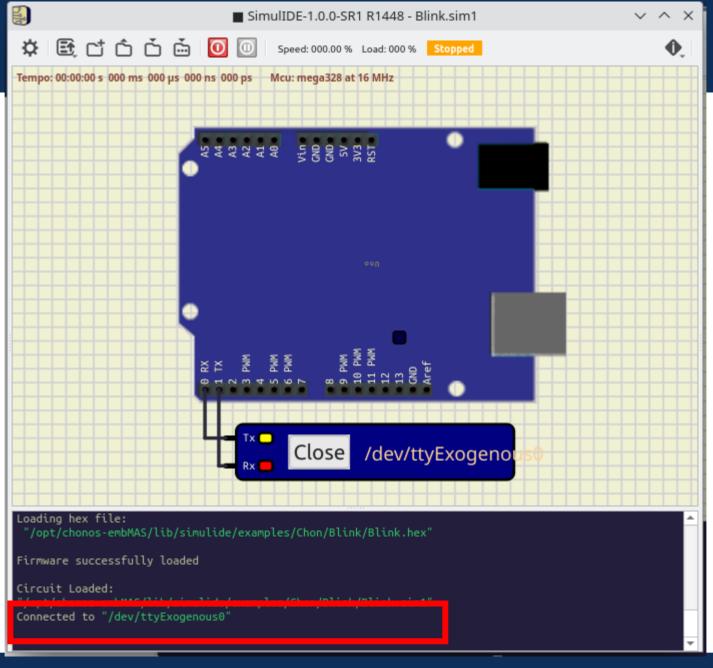








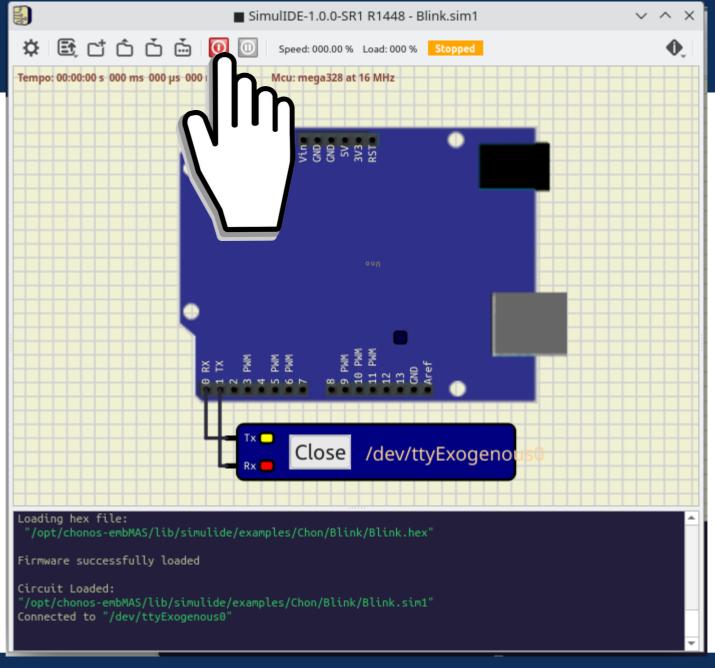








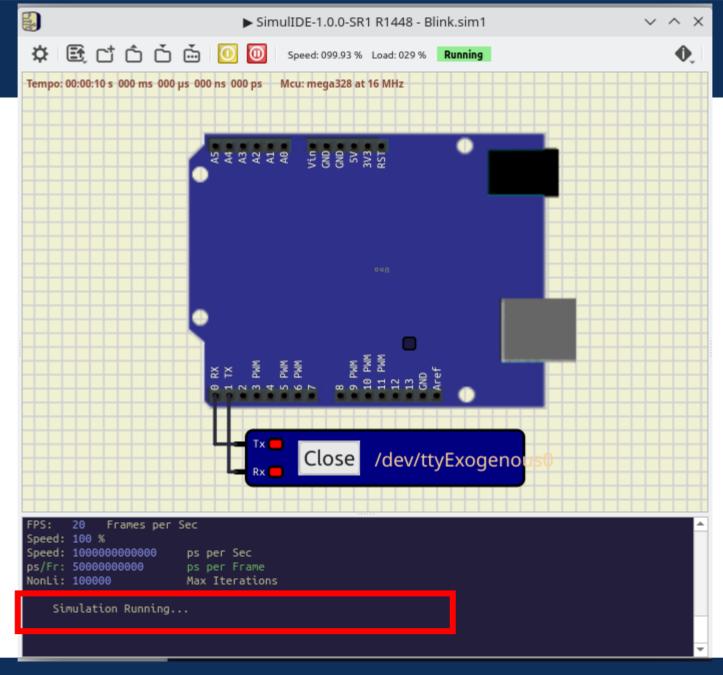








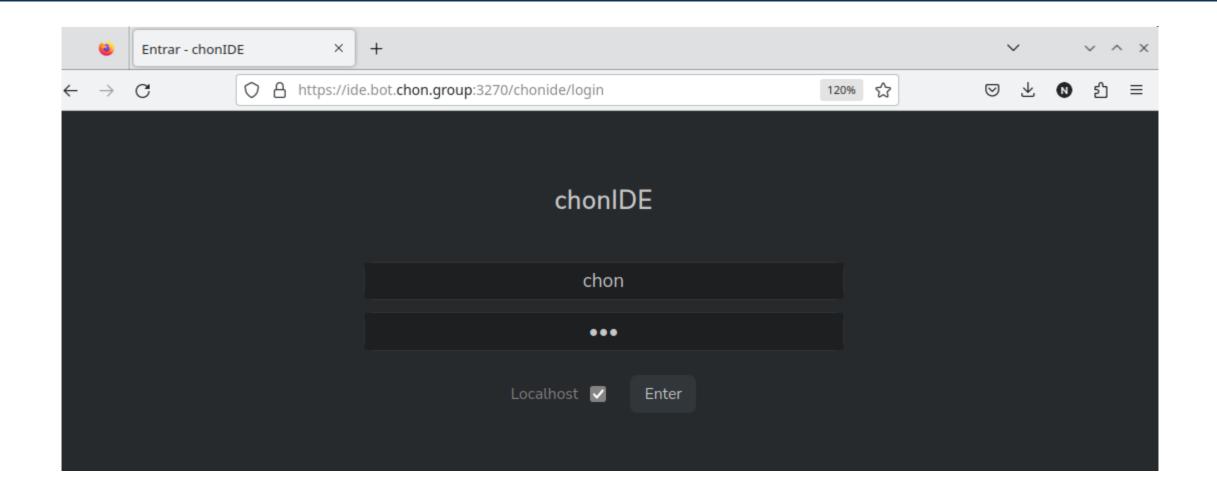








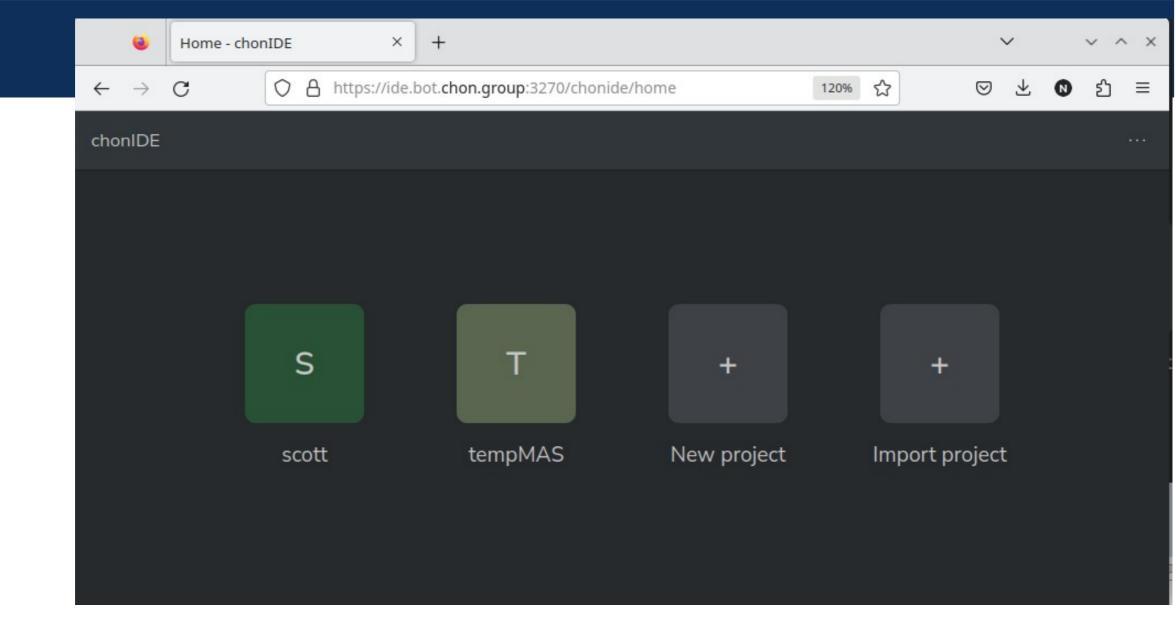








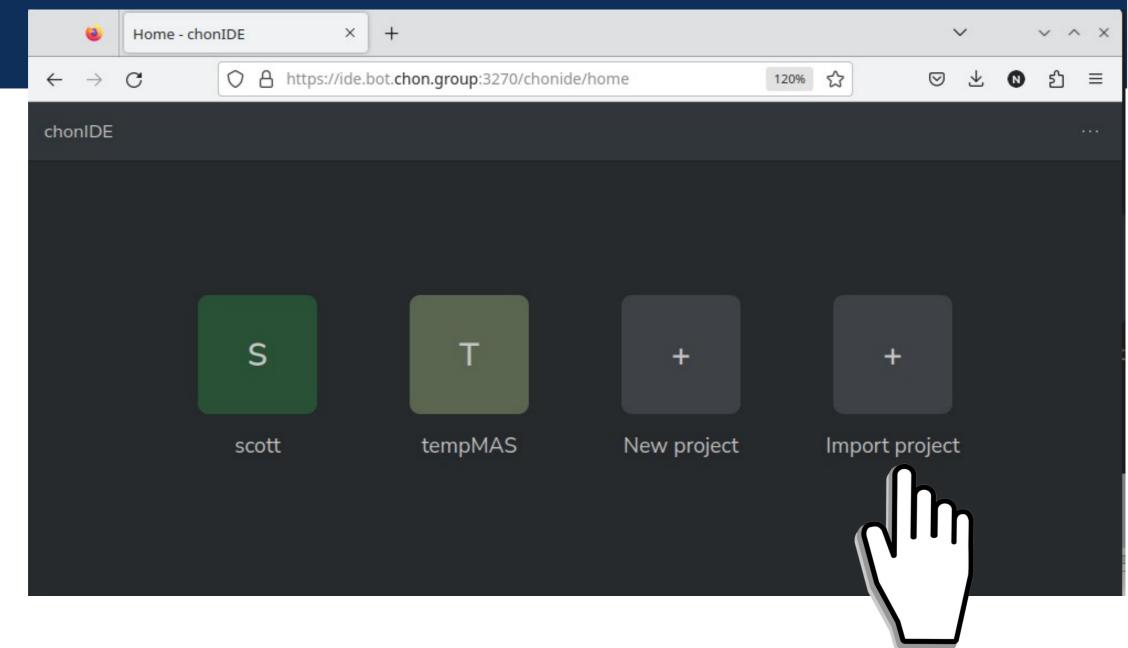








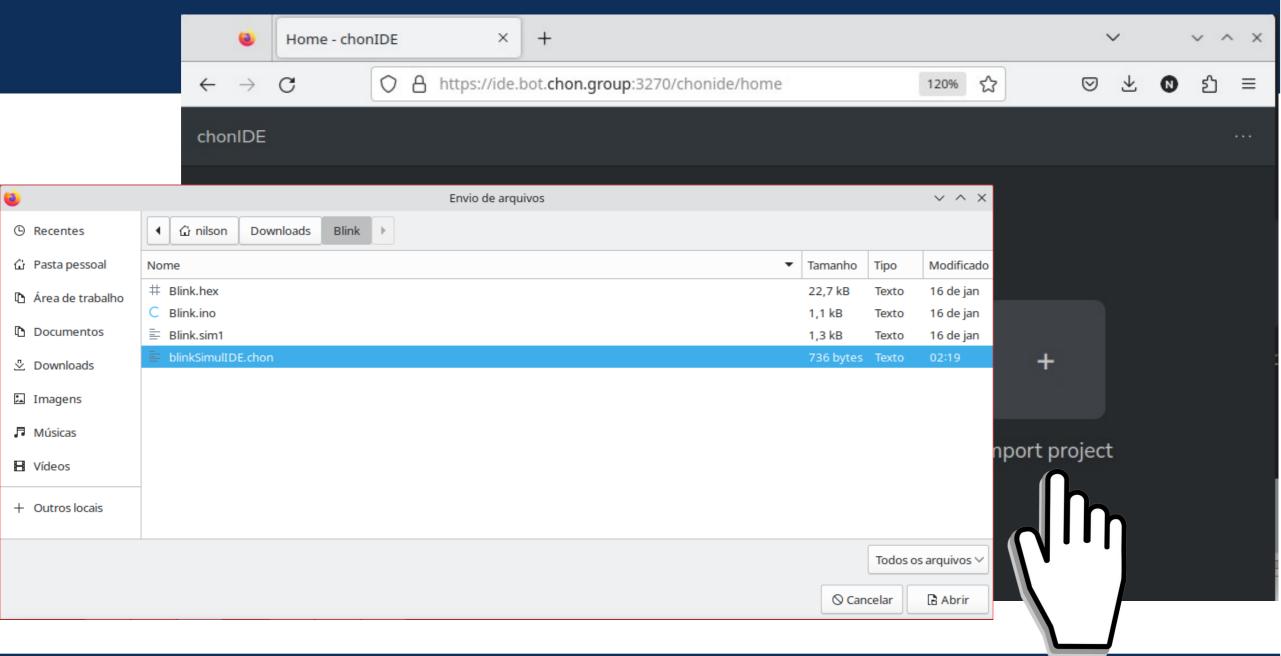








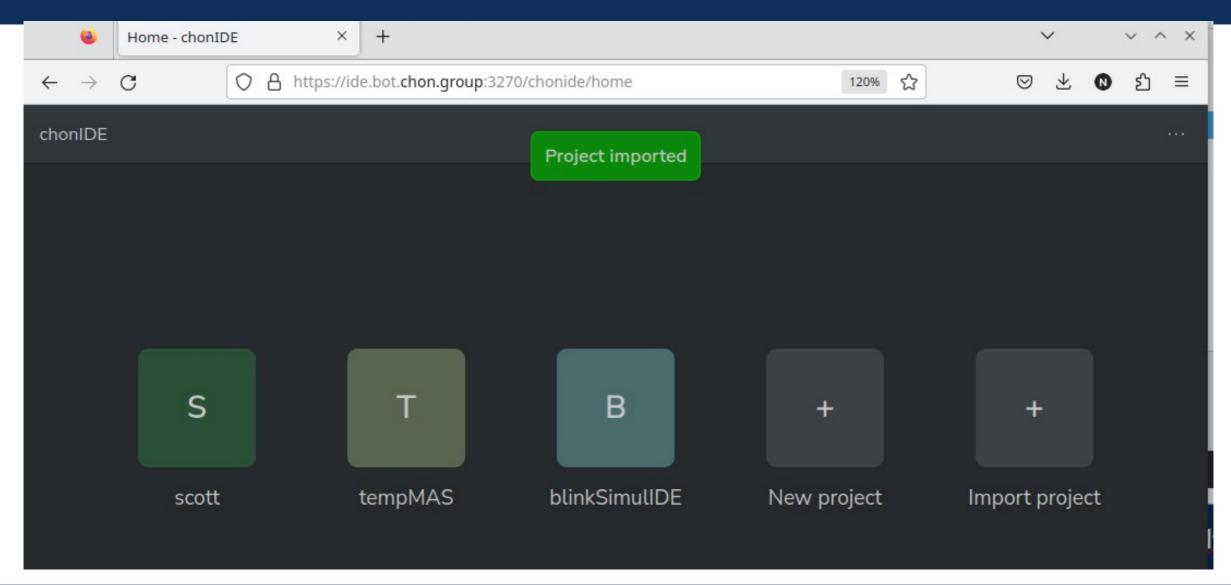






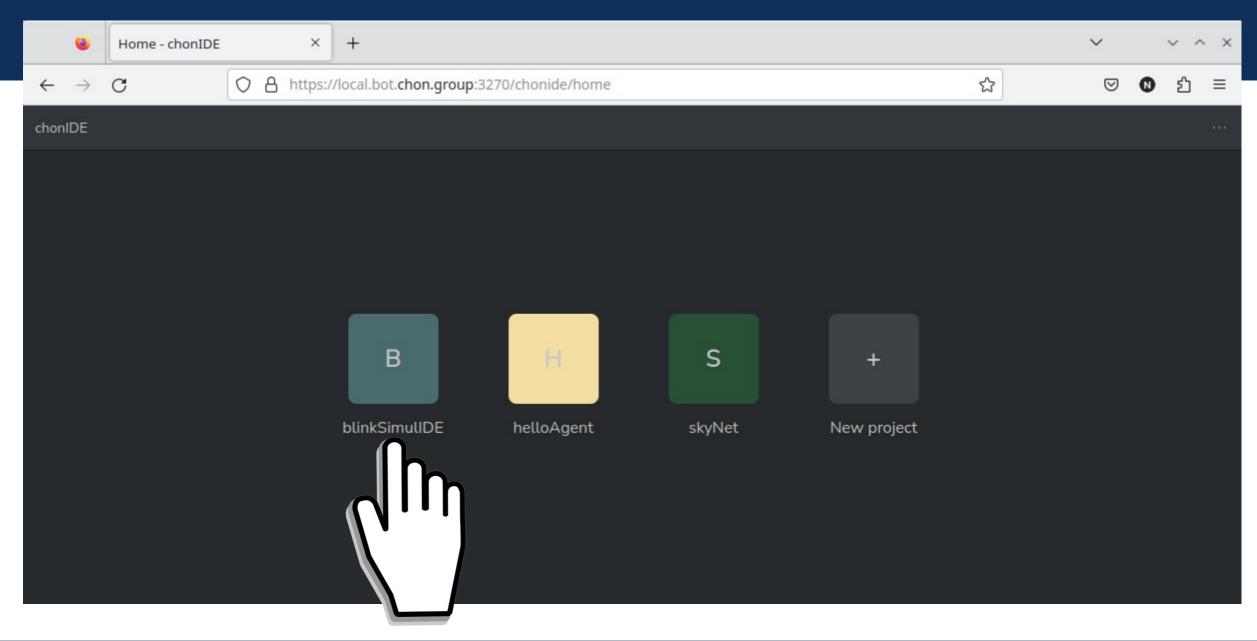






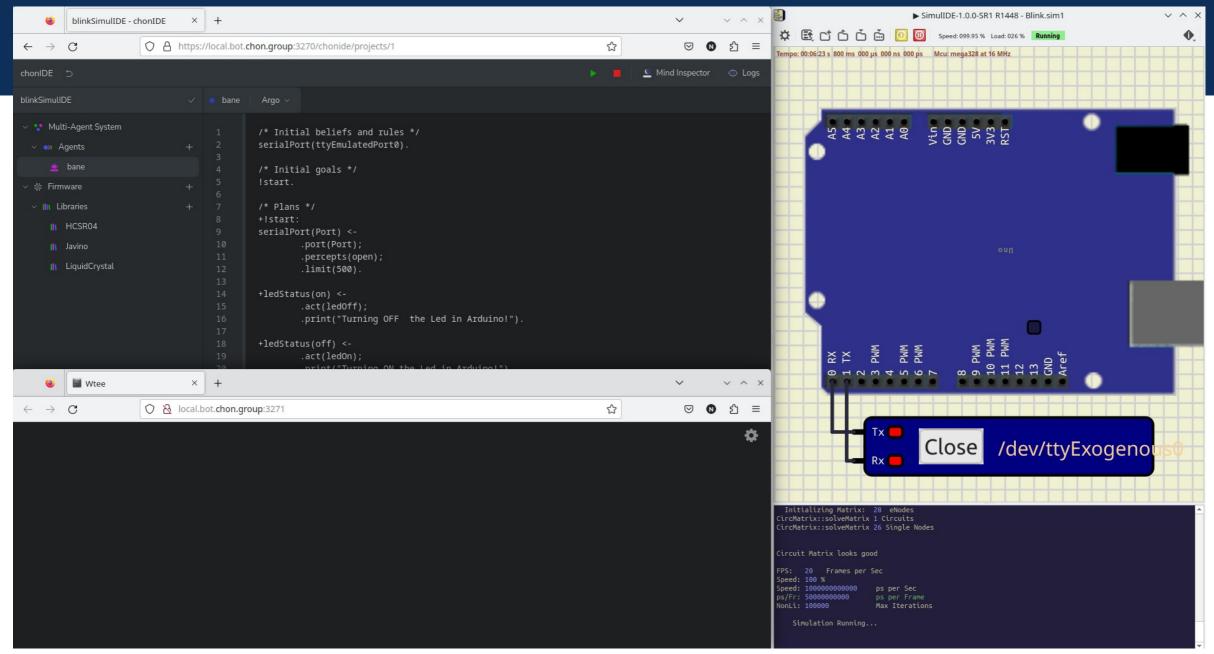






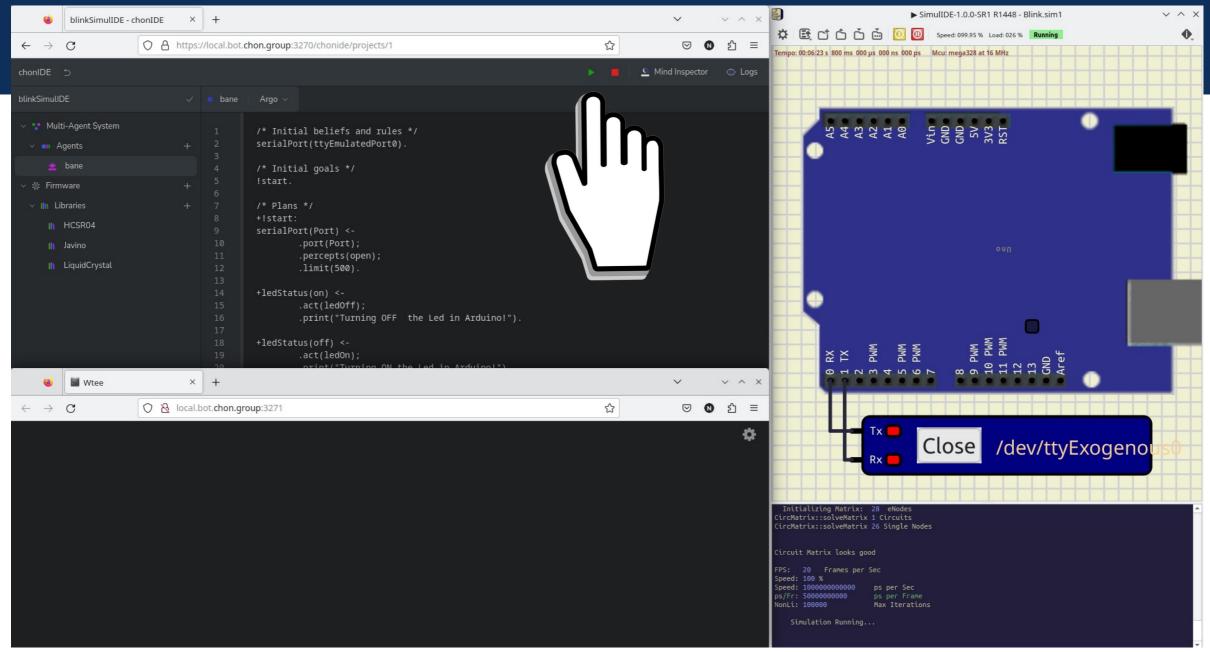






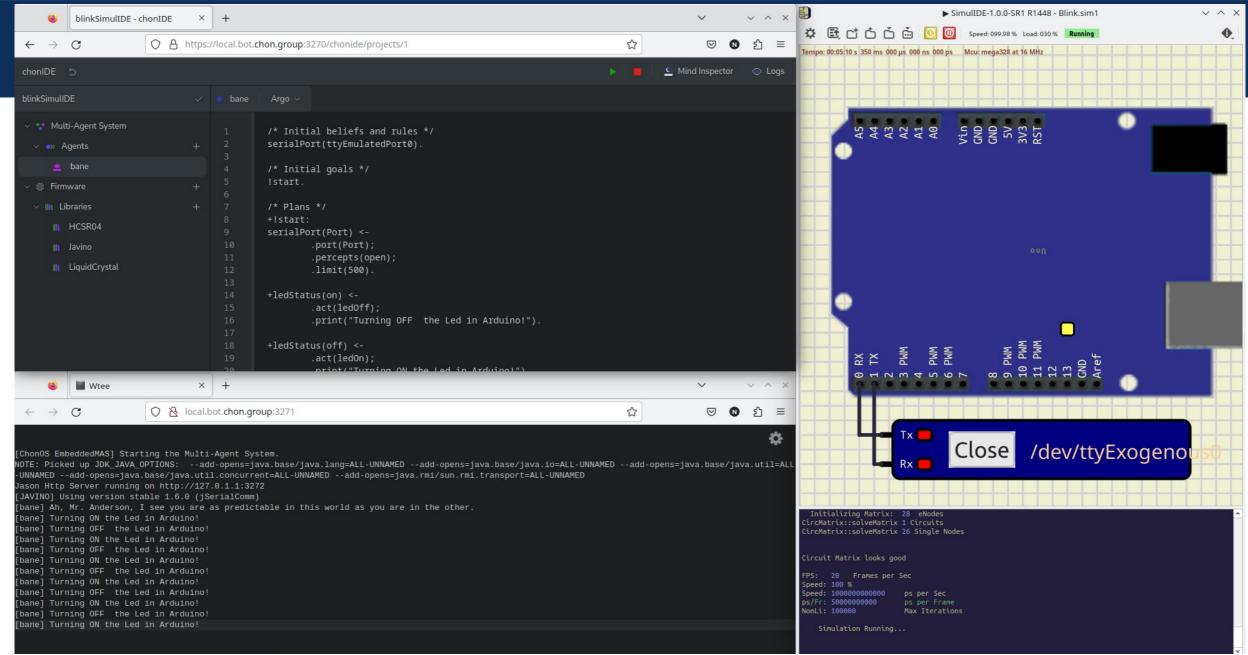














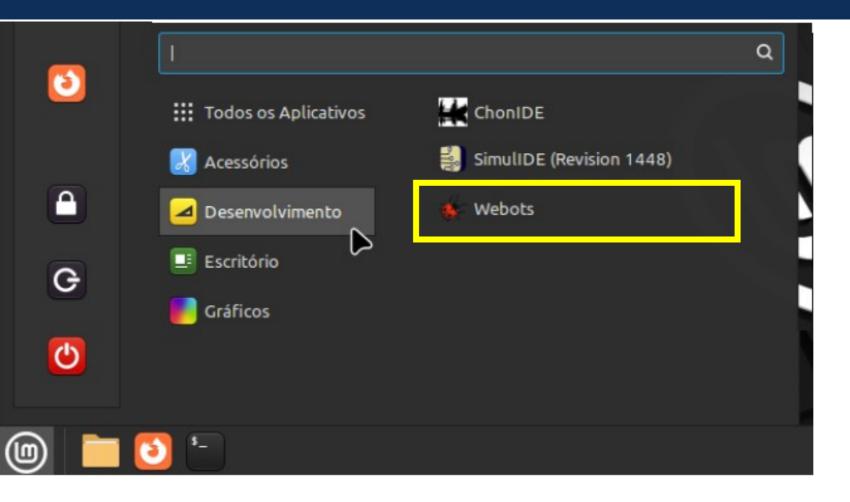








Webots





Manual de instalação

https://cyberbotics.com/doc/guide/ins tallation-procedure#installing-the-deb ian-package-with-the-advanced-pack aging-tool-apt







distributedAndEmbeddedAI / course / 05-TheDevelopmentTool / Examples / 📮



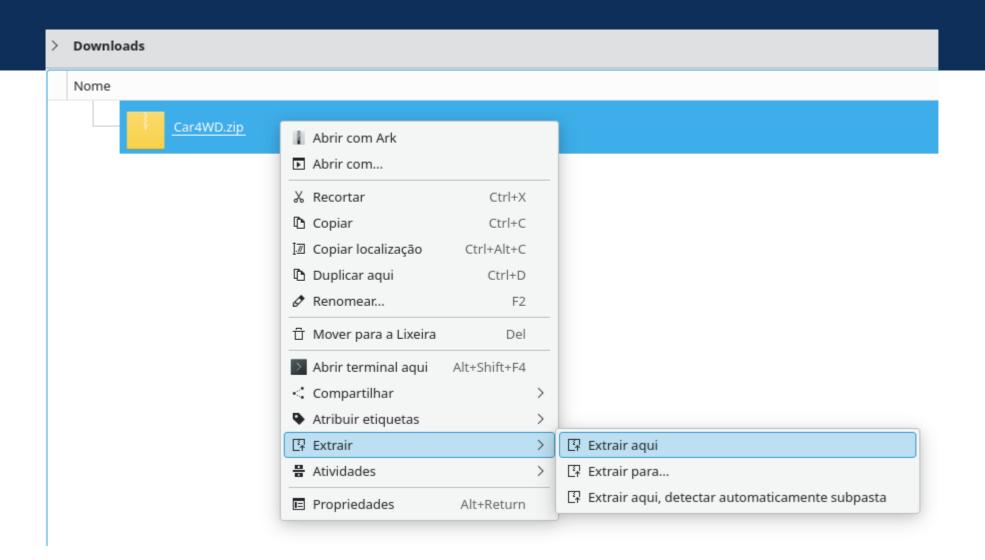


https://github.com/chon-group/distributedAndEmbeddedAl/raw/main/course/05-TheDevelopmentTool/Examples/Car4WD.zip





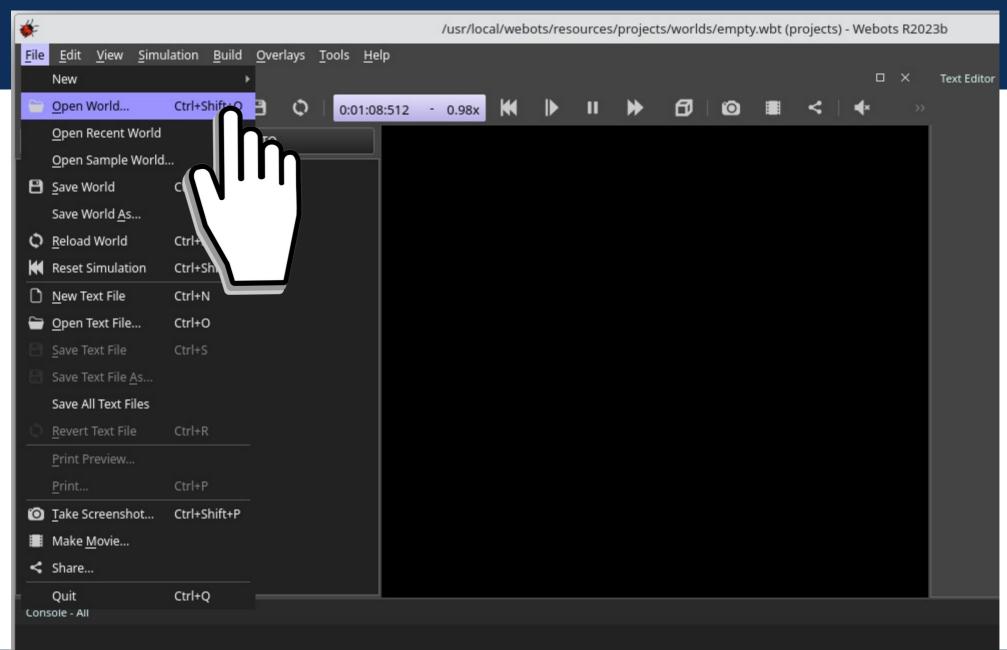






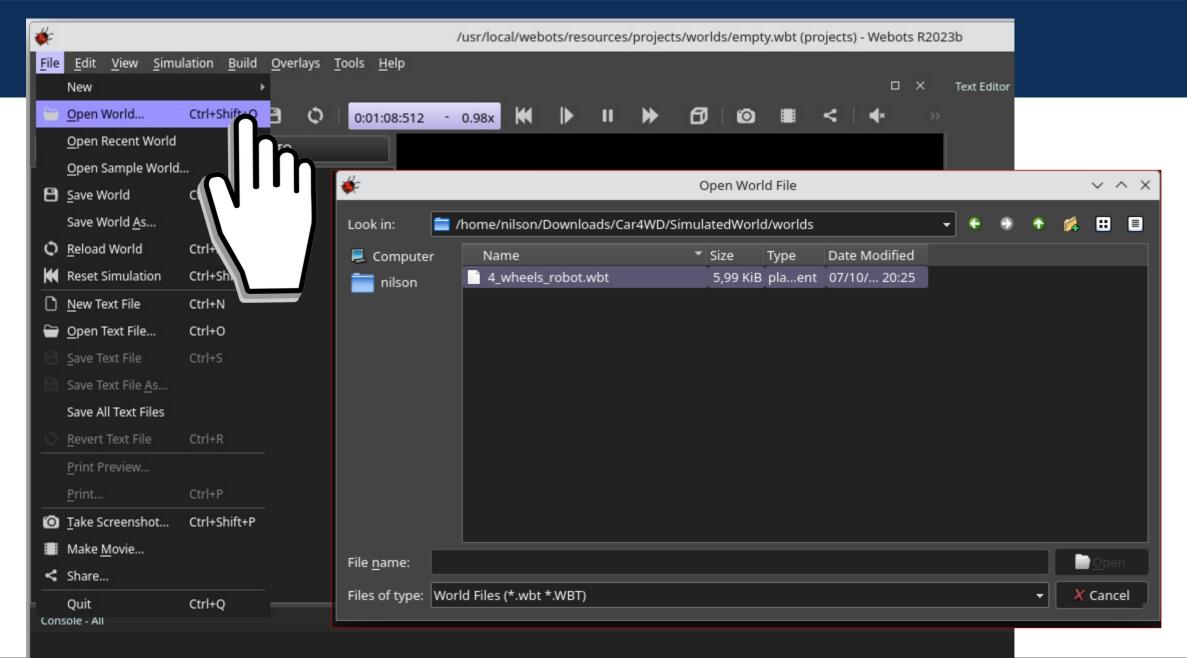






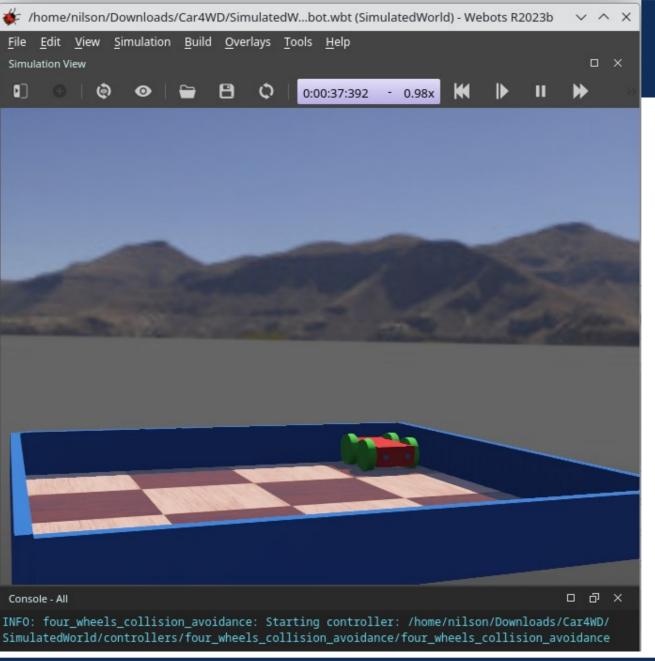








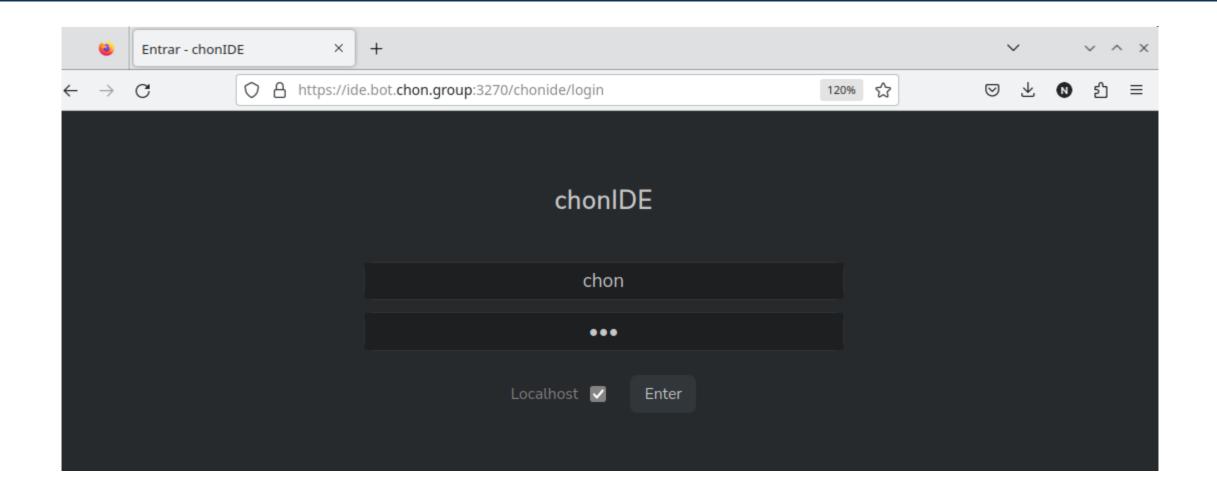








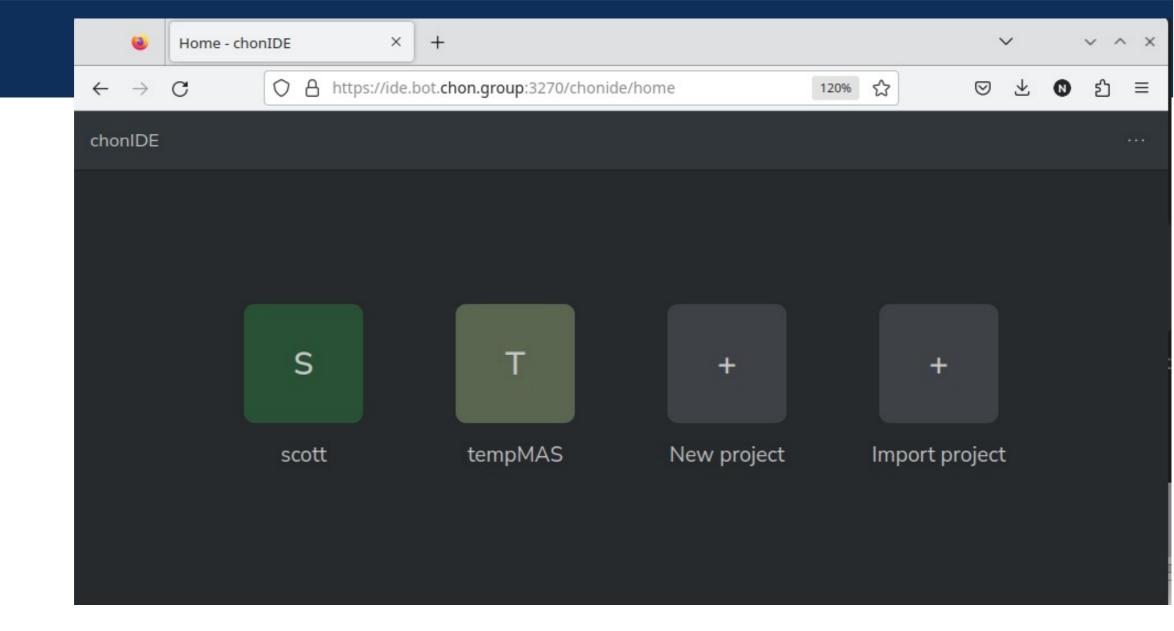






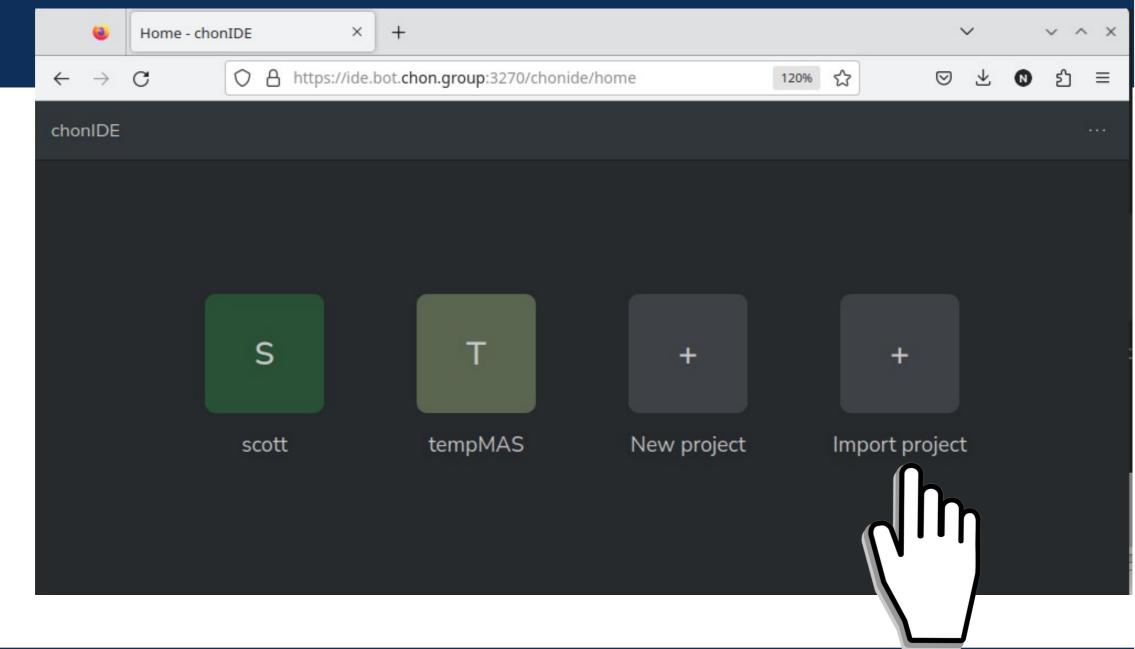






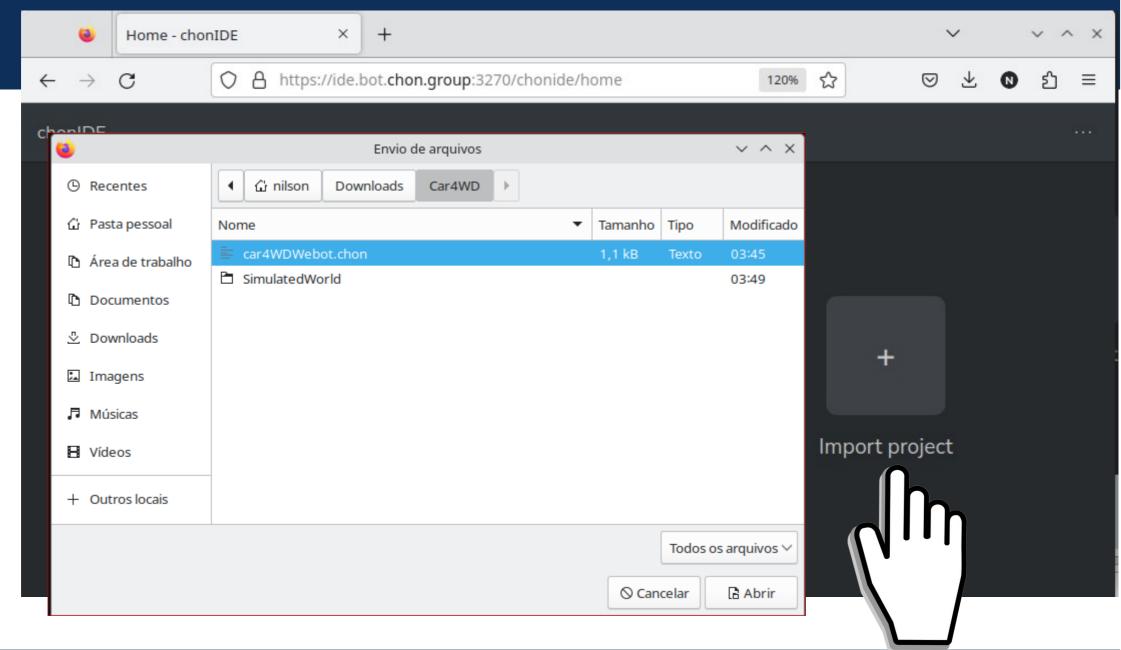






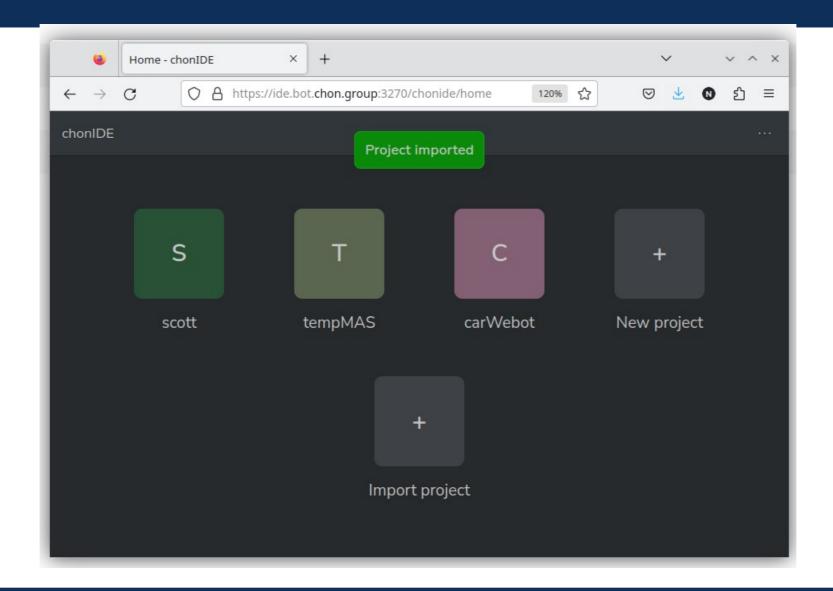








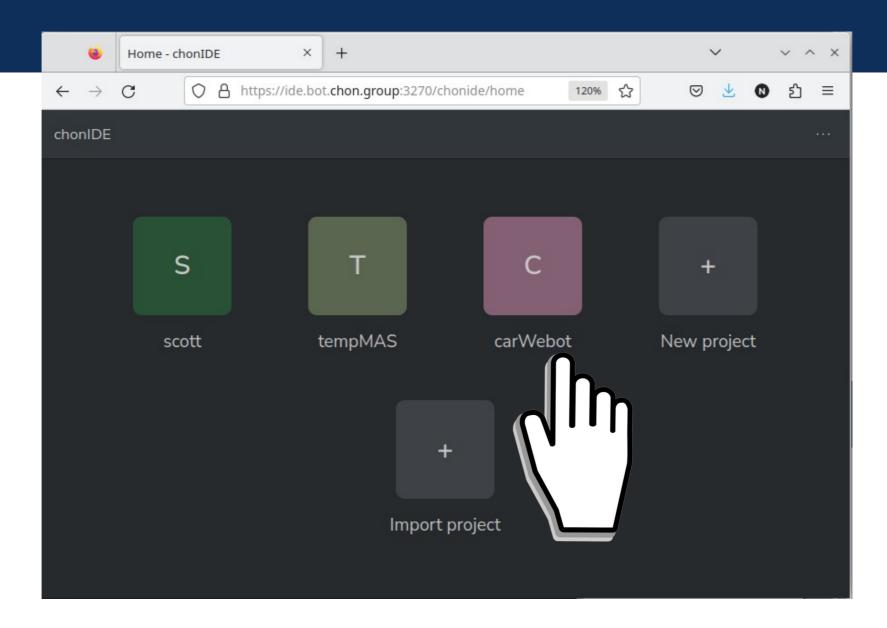








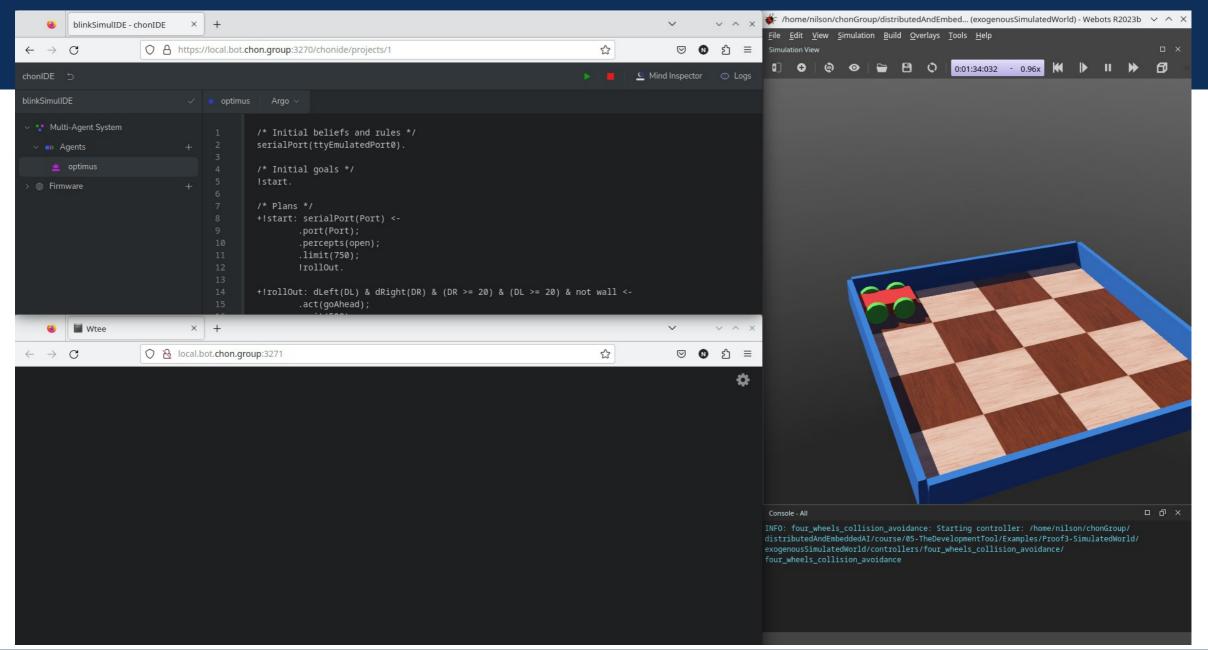






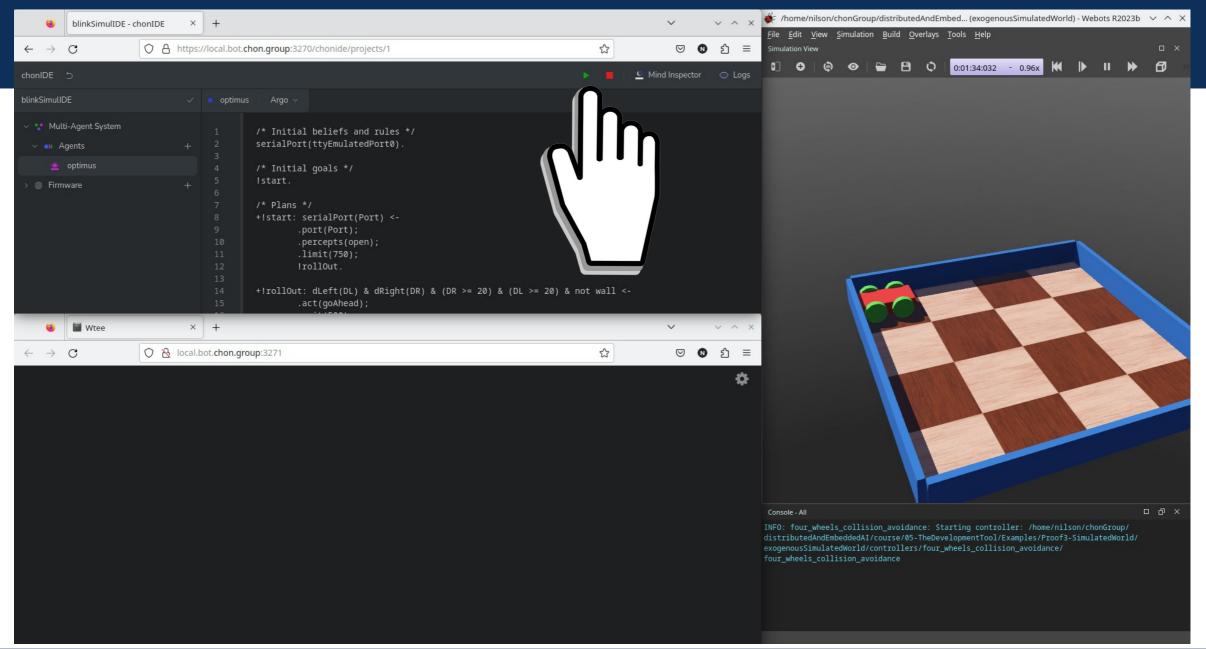






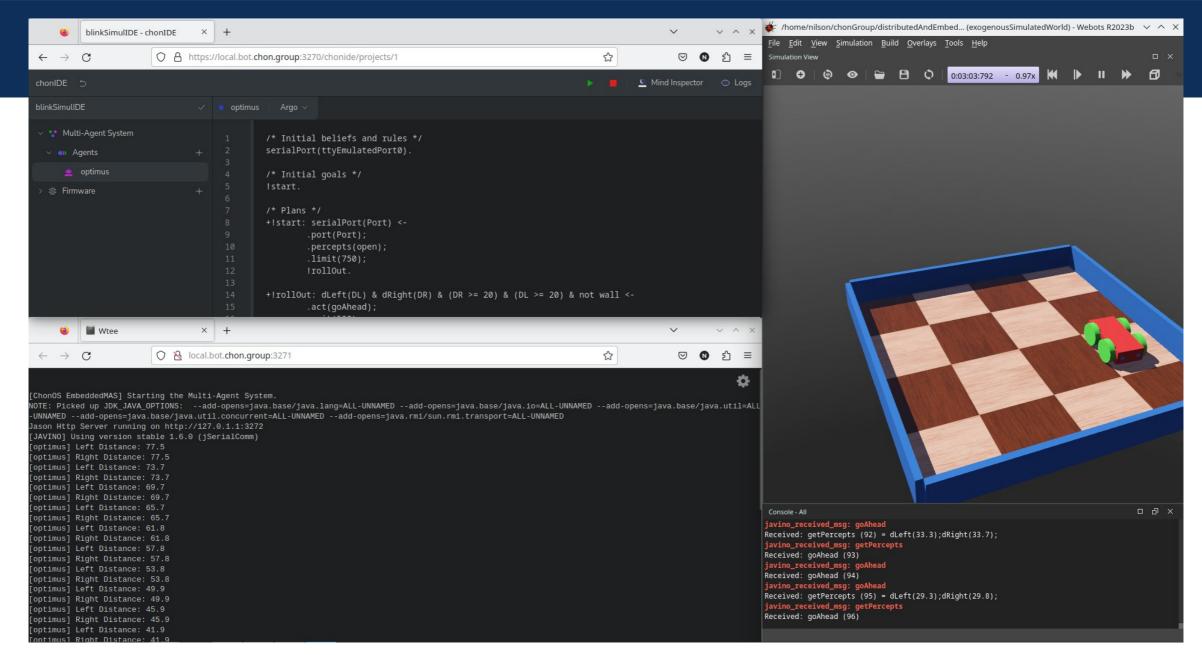
















Agradecimentos

OBRIGADO!

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