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Subject: Added ProjectChrono

Posted by [koldo](#) on Mon, 04 Aug 2025 08:12:20 GMT

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Hi everyone

Project Chrono library has been added to UppHub.

It supports simulating rigid and soft body dynamics, collision detection, vehicle dynamics, fluid-solid interaction, deformable terrain, and granular dynamics, among other physical systems.

Project Chrono in UppHub includes the Core library, updated to latest version 9.0.1 (03/07/2024), and a simple sample included in `examples/ProjectChrono_demo_cl` package.

It can be used on both Linux and Windows, with MSVC and CLANG.

Being on UppHub, any U++ user can use it very easily, without worrying about CMake and other compiling issues.

Project Chrono requires AVX2 support in all project, not only in the library. Please compile with `-mavx2` (GCC/Clang) or `/arch:AVX2` (MSVC). However, don't worry, because if you forget to do this, the compiler will throw an error.

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