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## ROOT 6

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The recently published ROOT 6 is the first major ROOT release since nine years. It opens a whole world of possibilities with full C++ support at the prompt and a built-in just-in-time compiler, while staying almost completely backward compatible. The ROOT team has started to make use of these new features, offering for instance an improved new implementation of TFormula, fast and type-safe access to TTrees, and access to native, runtime-compiled functions through its new interpreter cling. Many other, unrelated new features will be presented, too, for instance a better engine for formula layout, Latex export, support for transparency and shading, and much improved graphics interactivity.

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