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Justin Lyle* (justin.lyle@ku.edu) and **Jonathan Montaño**. *c-Ulrich Modules*. Preliminary report.

Let (R, \mathfrak{m}, k) be a Noetherian local ring. We study Cohen-Macaulay R -modules with the property that $e_R(M) \leq c\mu_R(M)$, which we call c -Ulrich modules. We prove existence in some cases for small values of c , and prove some consequences of existence, extending results of Ulrich and Hanes-Huneke. (Received August 31, 2018)