Goodwillie, Mackey, and Segal

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Glasman described, using the cross-effects construction, excisive endofunctors on spectra via spectral Mackey functors on finite sets and surjections. In this talk, I will explain how this description may be made more highly structured encompassing also multivariable functors. Using this, I will explore a limited form of a "Segal conjecture" in the setting of Goodwillie calculus using some knowledge of the Mackey description of excisive functors. This is all joint work in progress with Tobias Barthel and Nikolay Konovalov.