I will defend the traditional analysis of extraposition as movement to a right-adjointed position, arguing that this movement has both A and A' properties. A number of constraints on how high phrases of different categories may extrapose, together with "freezing" effects, are argued to follow from the sensitivity of extraposition to both A and A' intervention effects. I argue that the effects of extraposition on interpretation (e.g. binding, NPI licensing), together with its interaction with uncontroversially syntactic forms of movement, suggest that it is unlikely to occur at PF. The implications of the analysis for the constituent structure of vp/VP are also examined.