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The derived moduli stack of logarithmic flat connections

I will present an explicit finite-dimensional model for the derived moduli stack of flat connections on \mathbb{C}^k with logarithmic singularities along a weighted homogeneous Saito free divisor. I will focus in particular on the example of plane curve singularities of the form $x^p = y^q$ and I will discuss the relationship of these moduli spaces with the character varieties of hypersurface complements.