

BG as a symplectic stack

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It is known that if the Lie algebra \mathfrak{g} of the Lie group G has an ad-invariant pairing then BG , the classifying stack, inherits a (2-shifted) symplectic structure. We will show that BG and its symplectic structure can be realized by different models (using groups, 2-groups or double groupoids) and all them are equivalent.