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ω -groupoid

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Definition 0.1. An ω -groupoid has a distinct meaning from that of ω -category, although certain authors restrict its definition to the latter, and also assimilate it with an *infinity*-groupoid.; in the case of an infinite groupoid, the notation *infinity*-groupoid is used in the literature (rather than ω -groupoid that has a distinct meaning from that of ω -category).

more to come... entry in progress

Remark 0.1. Furthermore, whereas the definition of an n -groupoid is a straightforward generalization of a 2-groupoid, the notion of a *multiple groupoid* is not at all an obvious generalization or extension of the concept of double groupoid.