

# Public note

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REST APIs often include dependency constraints that restrict how two or more parameters can be combined to form valid API calls. These *inter-parameter dependencies* make it difficult to automatically interact with the services, since API specification languages offer little or no support for them. We carried out a study on 40 industrial APIs and found that 85% of them contain inter-parameter dependencies. More importantly, we classified all the dependencies found (over 600) into seven patterns, serving as the basis for future proposals for modeling and analyzing inter-parameter dependencies automatically.

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Found on Inter-parameter dependencies in REST APIs | by Alberto Martín López | ISA Group | Medium on 2022-01-27 10:26:57.

Tags: `#rest` `#api` `#api-design` `#dependency` `#schema`