

# Position

- Anonymous Named Graphs match the use case.
  - RDF 1.1 defined named graphs, but not their semantics.
  - JSON-LD 1.0 provided support for graphs named by URI, but also without an explicit name (i.e., *blank* node)
  - The only reasonable (IMHO) interpretation of graphs named via blank node (anonymous named graphs) is that the blank node denotes the graph it names.\*
  - Statements made about the name of a named graph effectively can be thought of as statements about that graph, at least when the name is a blank node.
    - Note that *blank nodes* may be identified with a *blank node* **identifier**, which people seem to hate. However, the notion that some nodes in a graph don't have an explicit name shouldn't be too controversial. By definition these are blank nodes.

\* This is my opinion, and not necessarily that of either the JSON-LD WG or CG; offered as a suggestion for future work.

# Example

- The canonical RDF\* example[1] is the following:

```
@prefix : <http://bigdata.com/> .  
@prefix foaf: <http://xmlns.com/foaf/0.1/> .  
@prefix dct: <http://purl.org/dc/elements/1.1/> .  
  
:bob foaf:name "Bob" .  
<<:bob foaf:age 23>> dct:creator <http://example.com/crawlers#c1> ;  
                        dct:source <http://example.net/homepage-listing.html> .
```

- Using formulae (Notation3):

```
@prefix : <http://bigdata.com/> .  
@prefix foaf: <http://xmlns.com/foaf/0.1/> .  
@prefix dct: <http://purl.org/dc/elements/1.1/> .  
  
:bob foaf:name "Bob" .  
{:bob foaf:age 23} dct:creator <http://example.com/crawlers#c1> ;  
                    dct:source <http://example.net/homepage-listing.html> .
```

[1] From Reification Done Right: [https://wiki.blazegraph.com/wiki/index.php/Reification\\_Done\\_Right](https://wiki.blazegraph.com/wiki/index.php/Reification_Done_Right)