
Subject: How do I deserialize grouped items into an array or map when they take this form? [solved]

Posted by [jjacksonRIAB](#) on Mon, 25 Apr 2022 23:49:07 GMT

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How do I de/serialize something in the form of:

```
"whatever": {
  "Item A": {
    "member A": "whatever",
    "member B": "whatever"
  },
  "Item B": {
    "member A": "whatever",
    "member B": "whatever"
  },
  ...
}
```

when it's not in the form of an array/list, etc and the key isn't known ahead of time?

Map wants to create fields called key/value instead making "Item A", "Item B", ... keys and "member A", "member B" their values.

What's the appropriate structure to de/serialize this into?

Subject: Re: How do I deserialize grouped items into an array or map when they take this form?

Posted by [jjacksonRIAB](#) on Tue, 26 Apr 2022 04:28:55 GMT

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Never mind, I found it.

```
struct WhateverItem {
    String memberA {};
    String memberB {};

    void Jsonize(JsonIO& io) {
        io
            ("member A", memberA)
            ("member B", memberB);
    }
};
```

```
struct Whatever {  
    using WhateverMap = VectorMap<String, WhateverItem>;  
    WhateverMap whateverMap;  
  
    void Jsonize(JsonIO& io) {  
        io.Var("whatever", whateverMap,  
            [&](IO &io, WhateverMap& m) {  
                StringMap(io, m);  
            }  
        );  
    }  
};
```
