
Subject: How to pass vector/array of structs to witz?

Posted by [Zbych](#) on Fri, 19 Jul 2013 08:39:01 GMT

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I have a data set like this:

```
struct DataSet{
    int data1;
    double data2;
    String data3;
};
```

```
Array<DataSet> set;
```

and I would like to pass it to witz script and be able to access it in the same way I can access data from sql query (using row number and column name). Can you tell me how to do it?

Subject: Re: How to pass vector/array of structs to witz?

Posted by [dolik.rce](#) on Fri, 19 Jul 2013 13:58:18 GMT

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Hi Zbych,

If I'm not mistaken, the closest you can get is to use ValueArray instead of Array and ValueMap instead of DataSet. ValueArray/Map are not really ergonomic to handle, so the best approach is probably to convert your data before passing them to witz.

```
Something likestruct DataSet{
    int data1;
    double data2;
    String data3;
};
```

```
Array<DataSet> set;
```

```
ValueArray v;
for (int i=0; i<set.GetCount(); ++i) {
    ValueMap vm;
    vm["data1"]=set[i].data1;
    vm["data2"]=set[i].data2;
    vm["data3"]=set[i].data3;
    v.Add(vm);
}
```

```
}
```

```
http("set", v);
```

Note: I'd not try to compile or run the code

It is quite verbose, so some helper functions might be a good idea...

Best regards,

Honza

Subject: Re: How to pass vector/array of structs to witz?

Posted by [Zbych](#) on Mon, 22 Jul 2013 10:55:28 GMT

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Thank you. ValueArray + ValueMap did the trick.
