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Subject: Value: no deep copy support?

Posted by [kohait00](#) on Thu, 02 Sep 2010 13:58:10 GMT

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hi all,

dealing with Value i noticed that it has no possibility to do a clone or DeepCopyNew of the referenced content.

this is surely by design, but what were the concepts leading to this?

i know there is workarounds for this but having it directly supported would be great. a value is Movable, DeepCopyOption would be great too.

workaround:

```
Value v = int(123); //initial stuff, put in there, as a copy of this int i.e.
```

```
Value v2 = v1; //would internally reference the same instance of int
```

```
Value v3 = (int)v1; //this creates a copy from the internal
```

[http://www.ultimatepp.org/srcdoc\\$Core\\$UserValue\\$en-us.html](http://www.ultimatepp.org/srcdoc$Core$UserValue$en-us.html)

i'd be great to spare this out and use the pick'able semantic from containers..

```
Value v = (int)123;
```

```
Value v2(v,0); //indicate to use the deep copy
```

```
Value v3;
```

```
vs <=<= v; //same
```

do i misunderstand somehow the concept of Value maybe? (i know that it's a referece object internally managing a 'shared' content)

EDIT: maybe it's a good idea to collect all things related to Value handling. they are spread in manual and short tutorials etc.

[http://www.ultimatepp.org/reference\\$Value.html](http://www.ultimatepp.org/reference$Value.html)

[http://www.ultimatepp.org/srcdoc\\$Core\\$CoreTutorial\\$en-us.htm](http://www.ultimatepp.org/srcdoc$Core$CoreTutorial$en-us.htm) I

[http://www.ultimatepp.org/srcdoc\\$Core\\$UserValue\\$en-us.html](http://www.ultimatepp.org/srcdoc$Core$UserValue$en-us.html)

[http://www.ultimatepp.org/src\\$Draw\\$Display\\$en-us.html](http://www.ultimatepp.org/src$Draw$Display$en-us.html)

[http://www.ultimatepp.org/www\\$suppweb\\$overview\\$en-us.html](http://www.ultimatepp.org/www$suppweb$overview$en-us.html)

[http://www.ultimatepp.org/src\\$Core\\$Convert\\$en-us.html](http://www.ultimatepp.org/src$Core$Convert$en-us.html)

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