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Subject: Re: Proposal on \*Index: access via hash value

Posted by [mrjt](#) on Tue, 31 Mar 2009 14:21:41 GMT

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luzr wrote on Tue, 31 March 2009 14:23 How do you find items then? Using fake  
CollectionElement as key?

Mirek

I think that's the problem isn't it?

You have something like this no?

```
struct CollectionElement : public Moveable<CollectionElement>
{
    String unique_id;
    Value data; // Whatever
};
```

```
struct Referer : public Moveable<Referer>
{
    String unique_id;
    Value data; // Whatever
    String collection_id;
}
```

```
Index<CollectionElement> collection;
Vector<Referer> ref;
```

```
int FindRefCollection(Referer &ref) {
    unsigned collection_hash = GetHashValue(ref.collection_id);
    // Now we need to find the CollectionElement by hash only
    // but the closest you can get is Find(T &x, unsigned hash)
    return -1;
}
```

Since AIndex::hash is protected you can of course just inherit and add the member yourself, but it wouldn't be ideal.

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