

The FLQuant class



Maritime Affairs Unit - IPSC
European Commission
Joint Research Center

Class structure

array

- 6 dims: (quant), year, unit, season, area, iter

attributes

- units: character

6D array

```
> array(1:144, dim=c(3,3,2,2,2,2))
, , 1, 1, 1, 1
```

	[,1]	[,2]	[,3]
[1,]	1	4	7
[2,]	2	5	8
[3,]	3	6	9

```
, , 2, 1, 1, 1
```

	[,1]	[,2]	[,3]
[1,]	10	13	16
[2,]	11	14	17
[3,]	12	15	18

2D vs ...

```
> dfa[1:12,]
```

	d1	d2	d3	d4	d5	d6	data
1	1	1	1	1	1	1	1
2	2	1	1	1	1	1	2
3	3	1	1	1	1	1	3
4	1	2	1	1	1	1	4
5	2	2	1	1	1	1	5
6	3	2	1	1	1	1	6
7	1	3	1	1	1	1	7
8	2	3	1	1	1	1	8
9	3	3	1	1	1	1	9
10	1	1	2	1	1	1	10
11	2	1	2	1	1	1	11
12	3	1	2	1	1	1	12

... 6D

```
> arr[, , 1, 1, 1]
, , 1
```

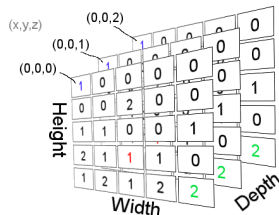
	[,1]	[,2]	[,3]
[1,]	1	4	7
[2,]	2	5	8
[3,]	3	6	9

```
, , 2
```

	[,1]	[,2]	[,3]
[1,]	10	13	16
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[3,]	12	15	18

Characteristics

- Arith re-defined to always return FLQuant
- Dimensions are not dropped even if of length=1



Methods

