

---

Subject: Re: Can I do this without using loops?

Posted by [rivers](#) on Wed, 05 Jun 1996 07:00:00 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

In article <31B59C2D.C@dundee.ac.uk>, Peter Clinch <p.j.clinch@dundee.ac.uk> writes:

> Can't quite see how, but I have a feeling there's a Better Way...

>

> I have a couple of images, same size, and I need to compare the two and

> take a result which has the highest value from either of the inputs. Ay

> the mo. I'm just using loops through all the pixels using an if greater

> than comparison, and it takes ages... :(

That is an easy one, just use the > operator.

```
IDL> a = [[1,2,3],[1,2,3],[1,2,3]]
```

```
IDL> b = [[3,2,1],[3,2,1],[3,2,1]]
```

```
IDL> print, a
```

```
1 2 3
```

```
1 2 3
```

```
1 2 3
```

```
IDL> print, b
```

```
3 2 1
```

```
3 2 1
```

```
3 2 1
```

```
IDL> print, a>b
```

```
3 2 3
```

```
3 2 3
```

```
3 2 3
```

---

Mark Rivers

(312) 702-2279 (office)

CARS

(312) 702-9951 (secretary)

Univ. of Chicago

(312) 702-5454 (FAX)

5640 S. Ellis Ave.

(708) 922-0499 (home)

Chicago, IL 60637

[rivers@cars3.uchicago.edu](mailto:rivers@cars3.uchicago.edu) (Internet)

---