
Subject: Re: vector of bin indices using histogram?
Posted by [Foldy Lajos](#) on Wed, 18 Oct 2006 18:12:18 GMT
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On Wed, 18 Oct 2006, Paolo Grigis wrote:

> Yes, you're right, we should use smaller arrays such
> that everything fits into the cache.
>
> Using your md.pro, the ratio DIV/MUL in my systems
> are about:
>
> pentium 4 : 6.6
> xeon dual : 5.0
> sparc : 2.9
>
> Anybody with an AMD processor around?
>
> Ciao,
> Paolo
>

Opteron 142, linux, IDL 6.2:

```
IDL> .ru md
% Compiled module: $MAIN$.
DIV:      5.9537580
MUL:      3.1484690
```

FL 0.60j without SSE:

```
FL> .ru md
% Compiled routine: $MAIN$
DIV:      2.1138449
MUL:      2.1111529
```

FL 0.60j with SSE (default):

```
FL> .ru md
% Compiled routine: $MAIN$
DIV:      1.2792230
MUL:      1.2820880
```
