Left and Right Shifts of vertices

The position of a particular entry in a commutative diagram can be modified, if needed, by entering **[l] or **[r] just before the entry. The first produces a left shift in the object by almost one-half of its width, and the second produces a right shift in the object by almost one-half of its width. Compare the following two diagrams:

```
\[
\xymatrix{
A\oplus B \oplus C\ar[r]^f \ar[d] &B \ar[d]\\
A\ar[r]_g & A\oplus B\oplus C}
\]
```

$$
\xymatrix{
A \oplus B \oplus C \ar[r]^f \ar[d] & B \ar[d] \\
A \ar[r]_g & A \oplus B \oplus C
}
$$

```
\[
\xymatrix{
**[l]A\oplus B \oplus C\ar[r]^f \ar[d] &B \ar[d]\\
A\ar[r]_g & **[r]A\oplus B\oplus C}
\]
```

$$
\xymatrix{
A \oplus B \oplus C \ar[r]^f \ar[d] & B \ar[d] \\
A \ar[r]_g & A \oplus B \oplus C
}
$$

Notice the affect on the horizontal arrows.