

`\ifhbox` *⟨register⟩*

`\ifvbox` *⟨register⟩*

`\ifvoid` *⟨register⟩*

These commands test the contents of the box register numbered *⟨register⟩*.

Let *⟨register⟩* be *n*. Then:

- `\ifhbox` is true if `\box n` is an hbox.
- `\ifvbox` is true if `\box n` is an vbox.
- `\ifvoid` is true if `\box n` is void, i.e, doesn't have a box in it.

*Example:*

```
\setbox0 = \vbox{} % empty but not void
```

```
\setbox1 = \hbox{a}
```

```
\setbox2 = \box1 % makes box1 void
```

```
\ifvbox0 true\else false\fi;
```

```
\ifhbox2 true\else false\fi;
```

```
\ifvoid1 true\else false\fi
```

*produces:*

```
true; true; true
```