



Figure 1: Test

V Tops:			
$\backslash\text{vtop}\{$	$\backslash\text{vtop}\{$	$\backslash\text{vtop}\{$	$\backslash\text{vtop}\{$
Box Content	Box Content	Box Content	Box Content
$\}$	$\}$	$\}$	$\}$
			Lorem ipsum dolor sit amet, consectetur adipiscing elit. Pellentesque sed diam ex. Nam pretium sagittis lacus, et consequat lacus interdum in. In molestie porttitor purus, ac euismod quam cursus id. Sed facilisis eget enim in varius.
$\backslash\text{hbox}\{$	$\backslash\text{vtop}\{$		$\}$
	Box Content		
$\}$			

$\$ \backslash\text{vtop} \$$ in H		
$\backslash\text{hbox}\{\text{vtop}\{$	$\backslash\text{vtop}\{$	$\backslash\text{vtop}\{$
Box Content	Box Content	Box Content
$\}$	$\}$	$\}$
$\backslash\text{vtop}$ with Depth/Height in H		
$\backslash\text{vtop}\{$	$\backslash\text{vtop}\{$	$\backslash\text{vtop}\{$
Box Content	Box Content	Box Content
$\}$	$\}$	$\}$
$\backslash\text{hbox}\{$	$\backslash\text{vtop}\{$	$\}$
	Box Content	
$\}$	$\}$	

1.4 VCenter

$\$ \backslash\text{vcenter} \$$ in H		
$\backslash\text{hbox}\{\text{vcenter}\{$	$\backslash\text{vcenter}\{$	
Box Content		
$\}$	$\}$	
$\$ \backslash\text{vcenter} \$$		
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$\Rightarrow \backslash\text{vcenter}$ is not a box with modifiable dimensions, apparently?

Para in \vcenter in Para

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$\backslash\text{vcenter}\{$	$\backslash\text{vcenter}\{$	$\backslash\text{vcenter}\{$
Box Content	Box Content	Box Content
$\}$	$\}$	$\}$

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1.5 Interactions

$\backslash\text{v} *$ in H				
$\backslash\text{vbox}\{$	$\backslash\text{vtop}\{$	$\backslash\text{vbox}\{$	$\backslash\text{vtop}\{$	
Box Content	Box Content	Box Content	Box Content	Box Content
$\}$	$\}$	$\}$	$\}$	

$\backslash\text{hbox}\{$	$\backslash\text{vcenter}\{$	
	Box Content	
$\}$	$\}$	

1.6 Peskiness

\TeX
 \LaTeX
 \Bla_{foo}
 \Bla_{foo}
 \Bla_{foo}
 \Bla_{foo}

2 Skips, Fills and Kerns

$\backslash\text{hfil}$, $\backslash\text{hfill}$, $\backslash\text{hss}$	
$\backslash\text{hbox}\{\text{Foo}\}$	$\backslash\text{hss}$
	$\backslash\text{hss}$ $\backslash\text{hbox}\{\text{Foo}\}$ $\backslash\text{hss}$
$\backslash\text{hbox}\{\text{Foo}\}$	$\backslash\text{hfil}$
	$\backslash\text{hss}$ $\backslash\text{hbox}\{\text{Foo}\}$ $\backslash\text{hfil}$
	$\backslash\text{hfill}$ $\backslash\text{hbox}\{\text{Foo}\}$ $\backslash\text{hss}$
	$\backslash\text{hfill}$ $\backslash\text{hbox}\{\text{Foo}\}$ $\backslash\text{hfil}$
	$\backslash\text{hfill}$ $\backslash\text{hbox}\{\text{Foo}\}$

$\Rightarrow \backslash\text{hfil}=\backslash\text{hss}$; $\backslash\text{hfill}>\backslash\text{hfil}$

$\backslash\text{vfil}$, $\backslash\text{vfill}$, $\backslash\text{vss}$			
<div> <div>Foo</div> <div>$\backslash\text{vbox}\{$</div> <div></div> <div>$\}$</div> <div>$\backslash\text{vss}$</div> </div>	<div> <div>$\backslash\text{vss}$</div> <div>$\backslash\text{vbox}\{$</div> <div>Foo</div> <div>$\}$</div> <div>$\backslash\text{vss}$</div> </div>	<div> <div>$\backslash\text{vss}$</div> <div>$\backslash\text{vbox}\{$</div> <div>Foo</div> <div>$\}$</div> <div>$\backslash\text{vfil}$</div> </div>	<div> <div>$\backslash\text{vss}$</div> <div>$\backslash\text{vbox}\{$</div> <div>Foo</div> <div>$\}$</div> <div>$\backslash\text{vfill}$</div> </div>
$\backslash\text{hbox}\{$	$\}$	$\}$	$\}$

\Rightarrow Analogously: $\backslash\text{vfil}=\backslash\text{vss}$; $\backslash\text{vfill}>\backslash\text{vfil}$

$\backslash\text{hskip}$, $\backslash\text{mskip}$, $\backslash\text{hkern}$, $\backslash\text{mkern}$	
$\backslash\text{hbox}\{\text{mskip } 20\text{pt}$	foo $\backslash\text{mskip } 40\text{pt}\}$
$\backslash\text{hbox}\{\text{mskip } 36\text{mu}$	foo $\backslash\text{mskip } 72\text{mu}\}$
$\backslash\text{hbox}\{\text{kern } 20\text{pt}$	foo $\backslash\text{kern } 40\text{pt}\}$
$\backslash\text{hbox}\{\text{mkern } 36\text{mu}$	foo $\backslash\text{mkern } 72\text{mu}\}$

$\backslash\text{vskip}$, $\backslash\text{kern}$	
$\backslash\text{vbox}\{$	$\backslash\text{vbox}\{$
$\backslash\text{vskip } 20\text{pt}$	$\backslash\text{kern } 20\text{pt}$
$\}$	$\}$
foo	foo
$\backslash\text{vskip } 40\text{pt}$	$\backslash\text{kern } 20\text{pt}$
$\backslash\text{hbox}\{$	$\}$

Negative Skips

- $\backslash\text{hskip}$ Foo
- $\backslash\text{mskip}$ Foo
- $\backslash\text{vskip}$ $\backslash\text{vtop}\{$

Foo

$\backslash\text{vbox}\{$

Foo

$\}$
- $\backslash\text{vskip}$ $\}$
- ... $\backslash\text{vbox}\{$

Foo

$\backslash\text{vbox}\{$

$\}$
- $\backslash\text{vskip}$ Foo
- ... $\}$

3 \[v|h]rule

$\backslash\text{hrule}$ in $\backslash\text{vbox}$ in $\backslash\text{hbox}$	
$\backslash\text{vbox}\{$	
$\backslash\text{hbox}\{$	$\}$

$\backslash\text{hrule}$ in $\backslash\text{vbox}$ with height in $\backslash\text{hbox}$	
$\backslash\text{vbox}\{$	
$\}$	

$\backslash\text{hbox}\{$	$\}$
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$\backslash\text{vrule}$ in $\backslash\text{hbox}$	
$\backslash\text{hbox}\{$	
$\backslash\text{hbox}\{$	$\}$

$\backslash\text{vrule}$ in Para	
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id. Sed facilisis eget enim in varius.	Lorem ipsum dolor sit amet, consectetur adipiscing elit. Pellentesque sed diam ex. Nam pretium sagittis lacus, et consequat lacus interdum in. In molestie porttitor purus, ac euismod quam cursus id. Sed facilisis eget enim in varius.
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id. Sed facilisis eget enim in varius.	Lorem ipsum dolor sit amet, consectetur adipiscing elit. Pellentesque sed diam ex. Nam pretium sagittis lacus, et consequat lacus interdum in. In molestie porttitor purus, ac euismod quam cursus id. Sed facilisis eget enim in varius.
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$\backslash\text{hrule}$ in $\backslash\text{vbox}$	
$\backslash\text{vbox}\{$	
$\}$	

4 Math

$\$$ in Para	
Lorem ipsum dolor sit amet, consectetur adipiscing elit. Pellentesque sed diam ex. Nam pretium sagittis lacus, et consequat lacus interdum in. In molestie porttitor purus, ac euismod quam cursus id. Sed facilisis eget enim in varius.	$\alpha + \int_{t=1}^{\infty} \sum_{x=0}^N f(t, x)_x^t \alpha + \int_{t=1}^{\infty} \left\{ \sum_{x=0}^N f(t, x)_x^t \right\}$

$\$ \$$ in Para	
Lorem ipsum dolor sit amet, consectetur adipiscing elit. Pellentesque sed diam ex. Nam pretium sagittis lacus, et consequat lacus interdum in. In molestie porttitor purus, ac euismod quam cursus id. Sed facilisis eget enim in varius.	

$$\alpha + \int_{t=1}^{\infty} \sum_{x=0}^N f(t, x)_x^t \alpha + \int_{t=1}^{\infty} \left\{ \sum_{x=0}^N f(t, x)_x^t \right\}$$

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Pellentesque sed diam ex. Nam pretium sagittis lacus, et consequat lacus interdum in. In molestie porttitor purus, ac euismod quam cursus id. Sed facilisis eget enim in varius.	
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$\backslash[...]$ in Para	
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$$\alpha + \int_{t=1}^{\infty} \sum_{x=0}^N f(t, x)_x^t \alpha + \int_{t=1}^{\infty} \left\{ \sum_{x=0}^N f(t, x)_x^t \right\}$$

$\$$ in V	
$\alpha + \int_{t=1}^{\infty} \sum_{x=0}^N f(t, x)_x^t \alpha + \int_{t=1}^{\infty} \left\{ \sum_{x=0}^N f(t, x)_x^t \right\}$	

$\alpha + \int_{t=1}^{\infty} \sum_{x=0}^N f(t, x)_x^t \alpha + \int_{t=1}^{\infty} \left\{ \sum_{x=0}^N f(t, x)_x^t \right\}$	
--	--

$\backslash[$ in V	
$\alpha + \int_{t=1}^{\infty} \sum_{x=0}^N f(t, x)_x^t \alpha + \int_{t=1}^{\infty} \left\{ \sum_{x=0}^N f(t, x)_x^t \right\}$	

Composed Symbols	
\Rightarrow	$A \downarrow_C B$

Symbol classes	
mathbbm	$a \, x \, a$
mathrel	$a \, x \, a$
mathop	$a \, x \, a$
mathord	$a \, x \, a$
mathpunct	$a \, x \, a$
mathinner	$a \, x \, a$
mathopen	$a \, x \, a$
mathclose	$a \, x \, a$

$$a == b$$

$$a == b$$

$$a == b$$

$\backslash\text{vphantom}$	
	$\left\{ \right\} 2^{2^2}$

\scaling

$$\max \left\{ \frac{A}{B} \right\} := \begin{cases} A & \text{if } B <: A, \\ B & \text{if } A <: B, \\ \text{undefined} & \text{otherwise.} \end{cases}$$

$$\max \left\{ \frac{A}{B} \right\} := \begin{cases} A & \text{if } B <: A, \\ B & \text{if } A <: B, \\ \text{undefined} & \text{otherwise.} \end{cases}$$

5 Other foo

anderer test	foo
bla bla	\TeX bla bla
bla bla	\LaTeX bla bla

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- Lorem ipsum dolor sit amet, consectetur adipiscing elit. Pellentesque sed diam ex. Nam pretium sagittis lacus, et consequat lacus interdum in. In molestie porttitor purus, ac euismod quam cursus id. Sed facilisis eget enim in varius.
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 - Lorem ipsum dolor sit amet, consectetur adipiscing elit. Pellentesque sed diam ex. Nam pretium sagittis lacus, et consequat lacus interdum in. In molestie porttitor purus, ac euismod quam cursus id. Sed facilisis eget enim in varius.

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6 Tables

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id. Sed facilisis eget enim in varius.	$\text{cell}\{ \text{third} \} \text{cell}\{ \text{fourth} \}$
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Tag der mündlichen Prüfung:	18.10.2019
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Vorsitzender der Promotionsorgans:	Prof. Dr.-Ing. Andreas Paul Fröba
Gutachter:	Prof. Dr. Michael Kohlhase
	asoz. Prof. Dr. Claudio Sacerdoti Coen

Thinking	Humanly	Rational
	<i>“The exciting new effort to make computers think ... machines with human-like minds”</i>	<i>“The formalization of mental faculties in terms of computational models”</i>
	[?]	[?]

Acting		
	<i>“The art of creating machines that perform actions requiring intelligence when performed by people”</i>	<i>“The branch of CS concerned with the automation of appropriate behavior in complex situations”</i>
	[?]	[?]

7 Other Stuff

¹ Lorem ipsum dolor sit amet, consectetur adipiscing elit. Pellentesque sed diam ex. Nam pretium sagittis lacus, et consequat lacus interdum in. In molestie porttitor purus, ac euismod quam cursus id. Sed facilisis eget enim in varius.

² Lorem ipsum dolor sit amet, consectetur adipiscing elit. Pellentesque sed diam ex. Nam pretium sagittis lacus, et consequat lacus interdum in. In molestie porttitor purus, ac euismod quam cursus id. Sed facilisis eget enim in varius.