	abcdefghijklmnopqrstu		
		vwxyz	
	How to test & what to look for		
	1. rectangle mode		
	- paint one cell exactly, check redacted PDF		
	- paint top left, bottom right		
	- use browser zoom, check rectangles		
	- resize window, check rectangles		
	- check console.log, make sure scaleFactor and renderDensityFactor are ≠1.0 (window size affects them)		
	- paint over text spans, switch to text mode		
	2. text mode		
	- check that rectangles touching texts redact them		
	- select some text, check created rectangle – does it cover nicely		
	- select multiple spans		
	- double click on a span to select all of it		
	- select a substring		
	- start a selection, end it outside the modal (selection should be canceled)		
	3. rendered PDF		
	- open in preview, ctrl-a to select all – are there invisible texts over the bitmaps?		
	- repeat everything for rotated text spans		
	- repeat everything for rotated pages		
	- repeat everything with browser zoom		
	- do use the pan+zoom tools, repeat		
	notes		
	- don't worry about the many empty spans in the top and bottom rows		
	- a.t.m. non-90° rotated spans are poorly supported		
	- create PDF: export, then rotate:		
	pdftk A=redaction-test-rotated.pdf cat A Aeast Asouth Awest output out.pdfs		
			mnopqrstuvxyz01234
			ABCDEFGHIJKLMN

rotated_abcdefghijklmnop

rotated_45degrees_abcdefgh

rotated_abcdefghijklmnop

rotated_45degrees_abcdefgh

abcdefghijklmnopqrstu	
	vwxyz

How to test & what to look for

1. rectangle mode
- paint one cell exactly, check redacted PDF
- paint top left, bottom right
- use browser zoom, check rectangles
- resize window, check rectangles
- check console.log, make sure scaleFactor and renderDensityFactor are ≠1.0 (window size affects them)
- paint over text spans, switch to text mode

2. text mode
- check that rectangles touching texts redact them
- select some text, check created rectangle — does it cover nicely
- select multiple spans
- double click on a span to select all of it
- select a substring
- start a selection, end it outside the modal (selection should be canceled)

3. rendered PDF
- open in preview, ctrl-a to select all — are there invisible texts over the bitmaps?

- repeat everything for rotated text spans
- repeat everything for rotated pages
- repeat everything with browser zoom
- do use the pan+zoom tools, repeat

notes
- don't worry about the many empty spans in the top and bottom rows
- a.t.m. non-90° rotated spans are poorly supported
- create PDF: export, then rotate:
pdftk A=redaction-test-rotated.pdf cat A Aeast Asouth Awest output out.pdfs

mnopqrstuvxyz01234
ABCDEFGHIJKLMN

ABCDEFGHIJKLMN

mnopqrstuvwxyz01234

rotated_45degrees_abcdefgh

rotated_abcdefghijklmnop

How to test & what to look for
1. rectangle mode
- paint one cell exactly, check redacted PDF
- paint top left, bottom right
- use browser zoom, check rectangles
- resize window, check rectangles
- check console.log, make sure scaleFactor and renderDensityFactor are $\neq 1.0$ (window size affects them)
- paint over text spans, switch to text mode

2. text mode
- check that rectangles touching texts redact them
- select some text, check created rectangle – does it cover nicely
- select multiple spans
- double click on a span to select all of it
- select a substring
- start a selection, end it outside the modal (selection should be canceled)

3. rendered PDF
- open in preview, ctrl-a to select all – are there invisible texts over the bitmaps?
- repeat everything for rotated text spans
- repeat everything for rotated pages
- repeat everything with browser zoom
- do use the pan+zoom tools, repeat

notes
- don't worry about the many empty spans in the top and bottom rows
- a.t.m. non-90° rotated spans are poorly supported
- create PDF: export, then rotate:
pdftk A=redaction-test-rotated.pdf cat A Aeast Asouth Awest output out.pdfs

vwxyz

abcdefghijklmnopqrstu

abcdefghijklmnopqrstu

vwxyz

How to test & what to look for
1. rectangle mode
- paint one cell exactly, check redacted PDF
- paint top left, bottom right
- use browser zoom, check rectangles
- resize window, check rectangles
- check console.log, make sure scaleFactor and renderDensityFactor are ≠1.0 (window size affects them)
- paint over text spans, switch to text mode

2. text mode
- check that rectangles touching texts redact them
- select some text, check created rectangle – does it cover nicely
- select multiple spans
- double click on a span to select all of it
- select a substring
- start a selection, end it outside the modal (selection should be canceled)

3. rendered PDF
- open in preview, ctrl-a to select all – are there invisible texts over the bitmaps?

- repeat everything for rotated text spans
- repeat everything for rotated pages
- repeat everything with browser zoom
- do use the pan+zoom tools, repeat

notes
- don't worry about the many empty spans in the top and bottom rows
- a.t.m. non-90° rotated spans are poorly supported
- create PDF: export, then rotate:
pdftk A=redaction-test-rotated.pdf cat A Aeast Asouth Awest output out.pdfs

mnopqrstuvxyz01234

ABCDEFGHIJKLMN

rotated_abcdefghijklmnop

rotated_45degrees_abcdefgh