

Boustrophedon v1.1.1 demos/tests

1. Default (Any) automatic wrapping

Input

```
\boustrophedon {This is a deliberately long English paragraph intended to force automatic wrapping across multiple lines so that we can verify that odd and even lines alternate correctly without requiring explicit line break commands from the user.}
```

Output

```
This is a deliberately long English
  paragraph intended to force automatic
wrapping across multiple lines so that
  we can verify that odd and even lines
alternate correctly without requiring
  explicit line break commands from the
user.
```

2. Any explicit breaks

Input

```
\boustrophedon {First line in normal order \\ Second line should appear reversed \\
Third line normal again}
```

Output

```
First line in normal order
  Second line should appear reversed
Third line normal again
```

2b. Any explicit breaks (no spaces around \\)

Input

```
\boustrophedon {First line in normal order\\Second line should appear reversed\\Third
line normal again}
```

Output

```
First line in normal order
  Second line should appear reversed
Third line normal again
```

3. Archaic wrapping (Latin transliteration)

Input

ANDRA MOI ENNEPE MOUSA POLYTROPON OS MALA POLLA PLANGCHTHE EPEI TROIES IERON PTOLIETHRON
EPERSE.

Output

ANΔPAM~OIE NN EPE~OYΣA
A110ΓA1A~3O4OΓO4TY1OΓ
ΓΓANΓX⊕EEPEITP OIEΣIEP ON
Ξ34ΞΓΞ4O4⊕ΞI1OTΓ

3b. Archaic wrapping (asymmetric Latin)

Input

GRGRGRPRPR GRGRGRPRPR GRGRGRPRPR GRGRGRPRPR GRGRGRPRPR GRGRGRPRPR GRGRGRPRPR

Output

ГРГРГРГРГРГРГРГРГРГРГРГ
 47474747474747474747
 ГРГРГРГРГРГРГРГРГРГРГРГ
 4747474747

4. Classical wrapping (Greek Unicode)

Input

ΔΗΜΟΣ ΑΘΗΝΑΙΩΝ ΤΙΜΩΝ ΑΝΔΡΑ ΑΓΑΘΟΝ ΚΑΙ ΣΩΦΡΟΝΑ ΩΣ ΠΟΛΛΑ ΚΑΙ ΔΙΚΑΙΑ ΕΠΡΑΞΕΝ ΓΥΕΡ ΤΗΣ ΠΟΛΕΩΣ ΚΑΙ ΤΩΝ ΠΟΛΙΤΩΝ.

Output

ΔΗΜΟΣ ΑΘΗΝΑΙΩΝ ΤΙΜΩΝ
ΑΙ ΟΡΦΩΝ ΣΙΑΚΗ ΟΘΑΓΑ ΑΡΔΙΑ
ΩΣ ΓΟΛΛΑΚΑΙ ΔΙΚΑΙΑ
ΞΕΛΟΓΕΤΕ ΤΡΕΠΕΥΕΤΕ ΑΡΓΕ
ΚΑΙ ΤΩΝ ΓΟΛΙΤΩΝ

4b. Classical wider lines (LineWidth=\linewidth)

Input

```
\boustrophedon [Type=Classical]{DHMOS ATHNAIWN TIMWN ANDRA AGAQON KAI SWFRONA WS POLLA
KAI DIKAIA EPRAKEN UPER THS POLEWS KAI TWN POLITWN. DHMOS ATHNAIWN TIMWN ANDRA AGAQON
KAI SWFRONA.}
\boustrophedon [Type=Classical,LineWidth=\linewidth]{DHMOS ATHNAIWN TIMWN ANDRA AGAQON
KAI SWFRONA WS POLLA KAI DIKAIA EPRAKEN UPER THS POLEWS KAI TWN POLITWN. DHMOS ATHNAIWN
TIMWN ANDRA AGAQON KAI SWFRONA.}
```

Output

Auto

ΔΗΜΟΞΑΘΝΑΙΦΝΤΙΜΦΝΑΝΔΡΑΑΓΑΨΟΝΘΑΙΞΕΦΦΟΝΑΦΞΠΟΛΛΑ
 ΞΟΜΗΔΙΗΤΙΛΟΓΙΗΤΙΑΦΞΞΕΛΟΓΞΘΞΕΓΥΙΞΞΑΡΓΞΑΙΑΘΙΔΙΑΘ
 ΑΘΝΑΙΦΝΤΙΜΦΝΑΝΔΡΑΑΓΑΨΟΝΘΑΙΞΕΦΦΟΝΑ

LineWidth=\linewidth

ΔΗΜΟΞΑΘΝΑΙΦΝΤΙΜΦΝΑΝΔΡΑΑΓΑΨΟΝΘΑΙΞΕΦΦΟΝΑΦΞΠΟΛΛΑΘΑΙ
 ΗΤΙΑΗΘΑΞΟΜΗΔΙΗΤΙΛΟΓΙΗΤΙΑΦΞΞΕΛΟΓΞΘΞΕΓΥΙΞΞΑΡΓΞΑΙΑΘΙΔ
 ΤΙΜΦΝΑΝΔΡΑΑΓΑΨΟΝΘΑΙΞΕΦΦΟΝΑ

4c. Classical wrapping (asymmetric Latin)

Input

```
GRGRGRPRPR GRGRGRPRPR GRGRGRPRPR GRGRGRPRPR GRGRGRPRPR GRGRGRPRPR GRGRGRPRPR
```

Output

ΓΡΓΡΓΡΓΡΓΡΓΡΓΡΓΡΓΡΓΡ
 979797979797979797
 ΓΡΓΡΓΡΓΡΓΡΓΡΓΡΓΡΓΡΓΡ
 9797979797

5. start/stop (Archaic)

Input

```
\startBoustrophedon[Type=Archaic] ... \stopBoustrophedon
```

Output

ΑΝΔΡΑΜΟΙΕΝΝΕΓΕΜΟΥΣΑ
 Α11Ο7Α1Α73Ο4Ο7Ο4ΤΥ1Ο7
 ΓΓΑΝΓΧΘΕΕΓΕΙΤΡΟΙΕΣΙΕΡΟΝ
 ΞΞ4Ξ7Ξ4Ο4ΘΞΙ1ΟΤ7

6. start/stop (Classical)

Input

```
\startBoustrophedon[Type=Classical] ... \stopBoustrophedon
```

Output

```
ΔΗΜΟΞΑΘΗΝΑΙΩΝΤΙΜΩΝ  
ΑΙΟΦΩΞΙΑΚΗΟΘΑΓΑΑΡΔΙΑ  
ΩΞΓΟΛΛΑΚΑΙΔΙΚΑΙΑ  
ΞΩΛΟΓΞΗΤΡΕΥΙΞΑΡΓΕ  
ΚΑΙΤΩΝΓΟΛΙΤΩΝ
```

7. Greek explicit breaks baseline

Input

```
\boustrophedon [Type=Classical]{ΔΗΜΟΣ ΑΘΗΝΑΙΩΝ \\ ΤΙΜΩΝ ΑΝΔΡΑ ΑΓΑΘΟΝ \\ ΚΑΙ ΣΩΦΡΟΝΑ}
```

Output

```
ΔΗΜΟΞΑΘΗΝΑΙΩΝ  
ΙΟΘΑΓΑΑΡΔΙΑΙΩΜΙΤ  
ΚΑΙΞΩΦΡΟΝΑ
```

8. Symbol reversal (Latin input, explicit breaks)

Input

```
\boustrophedon [Type=Classical]{TH PH CH PS KS W KA KO \\ TH PH CH PS KS W KA KO}
```

Output

```
ΘΦΧΨΞΦΑΨΟ  
ΟΨΑΨΞΨΧΦΘ
```

8b. Unicode obscure letters (koppa/digamma)

Input

```
Direct Unicode codepoints: U+03D8 U+03D9 U+03DC U+03DD
```

Output

8c. ObscureLetters Off (contrast)

Input

`\boustrophedon [Type=Classical,ObscureLetters=Off]{TH PH PS KS KA KO}`

Output

ΤΗΓΗΓΞΚΞΚΑΚΟ

9. Asymmetric glyphs (Latin input, explicit breaks)

Input

`\boustrophedon [Type=Classical]{GRGRGRPRPR \ \ GRGRGRPRPR}`

Output

ГРГРГРГРГР

৭৭৭৭৭৭৭৭৭৭

10. Asymmetric glyphs (Archaic, Latin input, explicit breaks)

Input

\boustrophedon [Type=Archaic]{GRGRGRPRPR \ \ GRGRGRPRPR}

Output

Г Р Г Р Г Р Г Р Г Р

4747474747

11. resetDirection demo (Page vs Paragraph)

Input

\boustrophedon [Type=Any,resetDirection=Page]{AAA \ \ BBB \ \ CCC}

\boustrophedon [Type=Any,resetDirection=Page]{DDD \ \ EEE \ \ FFF}

Output

AAA	BBB
CCC	DDD
EEE	FFF

\boustrophedon [Type=Any,resetDirection=Paragraph]{AAA \ \ BBB \ \ CCC}

\boustrophedon [Type=Any,resetDirection=Paragraph]{DDD \ \ EEE \ \ FFF}

```

resetDirection=Paragraph (resets)
AAA
BBB
CCC
DDD
EEE
FFF

```

Normal text with [THIS PART MIRRORED] only, then [KAI TOYT0] too.
\boustrophedon [inLine=True]{Normal text with [THIS PART MIRRORED] only, then [KAI
TOYT0] too.}
\boustrophedon [Type=Classical,inLine=True]{A normal sentence with [DHMOS ATHNAIWN]
embedded.}

Normal text with [THIS PART MIRRORED] only, then [KAI TOYTO] too.

Normal text with TЯOЯЯIM TЯAƆ 2IHT only, then OTYOT IAK too.

A normal sentence with ЎҒІΛηΘΔζΟΜΗΔ embedded.