Font Bureau/Type Network-Varaible Fonts background material

An introduction to Roboto Extremo project plan finds Roboto Extremo described as a continuation of work done to begin the development of variable versions of Roboto, and research by Font Bureau on other fonts.

Brochures; typenetwork.com/brochure/opentype-font-variations/

On Decovar; www.typenetwork.com/brochure/decovar-a-decorative-variable-font-by-david-berlow#?

On Axes proposals; variationsguide.typenetwork.com

On Amstelvar and Decovar Alpha; typenetwork.com/brochure/opentype-variablefonts-moving-right-along/

On AmstelvarAlpha and RobotoDelta; variablefonts.typenetwork.com

Repositories; github.com/TypeNetwork/Opentype-1.8-Axis-Proposal github.com/TypeNetwork/Amstelvar github.com/TypeNetwork/Decovar github.com/TypeNetwork/AmstelvarAlpha

Proofing tools; typetools.typenetwork.com videoproof.typenetwork.com

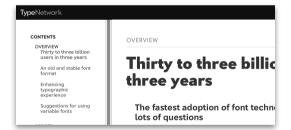
Variable font background sites











Roboto Ancestors

Background on Roboto "Classic"

The first Roboto variable font was a conglomeration of the .ttfs that existed into a design space that contained the original styles and everything in between. The second variable font only contained the extreme ttfs of Roboto, [2], interpolating the other original styles and containing the family in a smaller file. This included a slight extension of the design space, as the original .ttfs were just missing one extreme to have more complete condensed style in the design space.

github.com/TypeNetwork/Roboto/blob/master/fonts/Roboto-VF.ttf

github.com/TypeNetwork/Roboto/blob/master/fonts/Roboto-min-VF hinted.ttf

(This "min" version is currently under development being rehinted by another party.)

Roboto Delta began the experimentation on a Roboto that went beyond the original design space of the family. Following the design of Amstelvar, which contained weight, width, optical size axis and 11 parametric axes, Delta explored how that might apply to a san serif. It also brought out the need for a web app that allowed testing of basic variable font typography.

github.com/TypeNetwork/Roboto-Delta/blob/master/fonts/ RobotoDelta-VF.ttf

typetools.typenetwork.com/family/Roboto-Delta

Roboto Extremo became the current codename for a variable based on Roboto Regular, with an optical size axes, parametric axes, and weight and width axes that go as far as the Amstelvar design space, as applicable to a san serif design.

!"#\$%&'()*+,-./012345678 9:;<=>?@ABCDEFGHIJKL MNOPQRSTUVWXYZ[\]^_ `abcdefghijklmnopqrstuv wxyz{|}~

Font Bureau/Type Network-Varaible Fonts Project Sheet

Regarding this sheet -

It's intent is to bring together the deliverables (by number in column A), from the service agreement, to a schedule, act as the central tracking sheet for the service agreement and contain links to the Deliverables referred to in each relevant row in the sheet, (column G).

docs.google.com/spreadsheets/d/1nECpQuJanbpzR8wT4h0oypOHdoiiq0Bl6xFt5OlpPDY/edit#gid=1246227689

1							Link to		Calendar	Price on Co	•
	Deliverable Number	Deliverable Type	Project	Description	Start Date	End Date	deliverable	Calendar Days	Weeks	(if any)	Notes
2											\$0
3											
4	6.1.1	Project Plan	Roboto	Develop a detailed project plan.	2019-10-15			17		2	
5	6.1.2	Concept	Roboto	Design a concept that extends the Latin design	2019-11-02			12		2	
6	6.1.3	Presentation	Roboto	Presentation of the project	2019-11-15	2019-11-	15	0) ()	
7	6.2.1	Prototype	Roboto	Develop a prototype with all letters (28 upper, 28 lower) and numerals (10). Draw the design and build both variable and static binaries with fontmake	2019-11-16	2019-12-	05	19	,	3	
8	6.1.3	Presentation	Roboto	Presentation of the project	2019-12-06			1)	
9				Develop fonts with support for the Google Latin Core glyph set. Draw the design and build both variable and static binaries with fontmake. Export and mastering of source and binary files, with OpenType layout features (including kerning, anchor placement, and conjuncts), and quality assurance							
	6.2.2	Basic	Roboto	(QA) testing, for all Languages.	2019-12-08	2020-02-	15	69)	
10	6.1.3	Presentation	Roboto	Presentation of the project	2020-02-16	2020-02-	18	2	2 ()	
11	6.3.1	Full	Roboto	Develop fonts with support for the Google Latin Expert glyph set. Draw the design and build both variable and static binaries with fontmake. Export and mastering of source and binary files, with OpenType layout features (including kerning, anchor placement, and conjuncts), and quality assurance (QA) testing, for all Languages.	2020-02-19	2020-03-	18	28	3	1	
12	6.1.3	Presentation	Roboto	Presentation of the project	2020-03-19	2020-03-	25	6	3	1	
13	6.4.1	Final	Roboto	Finalize the font family, including with hinting to improve text-rendering on screens	2020-03-26	2020-04-	20	25	5	1	
14	6.5.0	Presentation	Roboto	Presentation of the final project	2020-04-21	2020-05-	01	10)	ı	
15											
16	6.1.1	Project Plan	Amstelvar	Develop a detailed project plan	2019-10-01	2019-10-	28	27	,	1	
17	6.1.2	Concept	Amstelvar	Design a concept that extends the Latin design	Oct 29 2019	Nov 4 20	19	6	3	1	
18	6.1.3	Presentation	Amstelvar	Presentation of the project	2019-11-05	2019-11-	11	6	3	I	
19	6.2.1	Prototype	Amstelvar	Develop a prototype with all letters (28 upper, 28 lower) and numerals (10). Draw the design and build both variable and static binaries with fontmake	2019-11-12	2019-11-	20	8	3	ı	
20	6.1.3	Presentation	Amstelvar	Presentation of the project	2019-11-21	2019-11-	22	1		I	
21	6.2.2	Basic	Amstelvar	Develop fonts with support for the Google Latin Core glyph set. Draw the design and build both variable and static binaries with fontmake. Export and mastering of source and binary files, with OpenType layout features (including kerning, anchor placement, and conjuncts), and quality assurance (QA) testing, for all Languages.	2019-11-23	2020-02-	27	96	3 14	1	
22	6.1.3	Presentation	Amstelvar	Presentation of the project	2020-02-28			6			
23	6.3.1	Full	Amstelvar	Develop fonts with support for the Google Latin Expert glyph set. Draw the design and build both variable and static binaries with fontmake. Export and mastering of source and binary files, with OpenType layout features (including kerning, anchor placement, and conjuncts), and quality assurance (QA) testing, for all Languages.	2020-03-06	2020-05-	05	60)	9	
24	6.1.3	Presentation	Amstelvar	Presentation of the project	2020-05-06		10	4		ı	
25	6.4.1	Final	Amstelvar	Finalize the font family, including with hinting to improve text-rendering on screens	2020-05-11	2020-07-	01	51	1	,	
26	6.5.0	Presentation	Amstelvar	Presentation of the final project	2020-07-02			12		2	
27											
28	6.1.1	Project Plan	TypeTools + Videoproof	Develop a detailed project plan	2019-10-01	2019-11-	01	31	4	1	
	6.1.2	Concept	TypeTools + Videoproof	Design a concept UI.	2019-10-01	2019-11-		31		1	
30	6.1.3	Presentation	TypeTools + Videoproof	Presentation of the project	2019-11-02	2019-12-	15	43	3	3	
31	6.2.1	Prototype	TypeTools + Videoproof	Develop a prototype	2019-12-16	2020-01-	01	16	3	2	
32	6.1.3	Presentation	TypeTools + Videoproof	Presentation of the project	2020-01-02	2020-01-	15	13	3	2	
33	6.2.2	Basic	TypeTools + Videoproof	Develop a basic version	2020-01-16	2020-03-	15	59)	3	
34	6.1.3	Presentation	TypeTools + Videoproof	Presentation of the project	2020-03-16	2020-04-	01	16	3	2	
35	6.3.1	Full	TypeTools + Videoproof	Develop a full version	2020-04-02	2020-06-	01	60	9	9	
36	6.1.3	Presentation	TypeTools + Videoproof	Presentation of the project	2020-06-02	2020-06-	10	8	3	I	
37	6.4.1	Final	TypeTools + Videoproof	Develop a final version	2020-06-11	2020-06-		9	1	I	
	6.1.1	Project Plan	TypeTools + Videoproof	Develop final documentation	2020-06-21	2020-06-		9			
39	6.5.0	Presentation	TypeTools + Videoproof	Presentation of the final project	2020-07-01	2020-07-	15	14	1 2	2	

Font Bureau/Type Network-Varaible Fonts Glyph Lists

The advancing glyph repertoire is one key element in plan (from ascii, to full Latin, to basic and then full Greek and Cyrillic).

Master List: docs.google.com/ spreadsheets/d/ 1HQEKIFPT64_IYGfwYLrurSpxi0uM8JBQnV NsSp359dg/edit? ts=5c13ffd1#qid=192368910 **Latin and extended Latin**

!"#\$%&'()*+,-./012345678 9:;<=>?@ABCDEFGHIJKL MNOPQRSTUVWXYZ[\]^_ `abcdefghijklmnopqrstuv wxyz{|}~

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Greek and extended Greek

ΑΒΓΔΕΖΗΘΙΚΛΜΝΞΟΠΡΣ ΤΥΦΧΨΩαβγδεζηθικλνξο πρςστυφχψωμ

ΗΟΑΆΒΓΔΕΈΖΗΉΘΙΊΪΚΛ ΜΝΞΟΌΠΡΣΤΥΥΫΦΧΨΩΏ οαάβγδεέζηήθιτικλνξοό πρςστυΰυύφχψωώ

Cyrillic and extended Cyrillic

АБВГҐДЂЕЄЖЗЅИЈКЛЉМН ЊОПРСТЋУФХЦЧЏШЩЪЫЬ ЭЮЯ

ÈЁЂЃЄЅІЇЈЉЊЋЌЍЎЏАБВГДЕЖЗИЙКЛМНОПР СТУФХЦЧШЩЪЫЬЭЮЯабвгдежзийклмнопрсту фхцчшщъыьэюяѐёђѓєѕіїјљњћќѝўџҊҋҌҍҎҏҐґҒӻҔ ҕҖҗҘҙҚқҜҝҞҟҠҡҢӊҤҥҦҧҨҩҪҫҬҭҮүҰұҲҳҴҵ ҶҷҸҹҺһҼҽҾҿӀӁӂӃӄӅӆӇӈӉӊӋӌӍӎӀӐӑӒӓӔӕӖӗ ӘәӚӛӜӝӞӟӠӡӢӣӤӥӦӧѲѳӪӫӬӭӮӯӰӱӲӳӴӵӶӷӸӹQq ѠѡҴӆ

Testing tools

Background on Roboto "Classic"
The first Roboto variable font was a conglomeration of the .ttfs that existed into a design space that contained the original styles and everything in between, [1]. The second variable font only contained the extreme ttfs of Roboto, [2], interpolating the other original styles and containing the family in a smaller file. This included a slight extension of the design space, as the original .ttfs were just missing one extreme to have more complete condensed style in the design space.

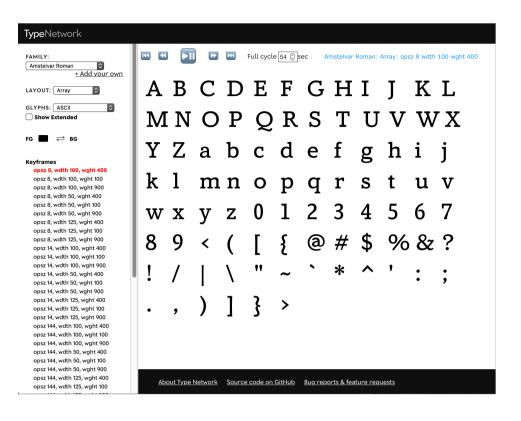
[1] github.com/TypeNetwork/Roboto/blob/master/fonts/Roboto-VF.ttf
[2] github.com/TypeNetwork/Roboto/blob/master/fonts/Roboto-min-VF_hinted.ttf
(This min version is currently under development being rehinted by another party.)

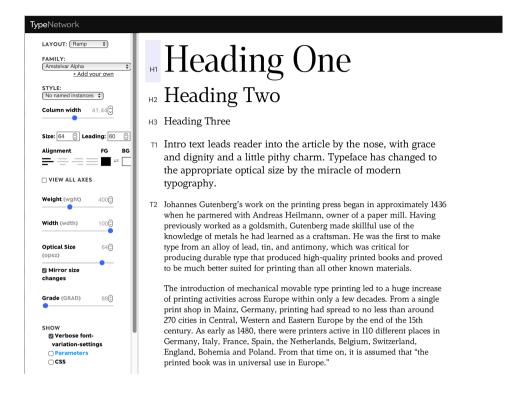
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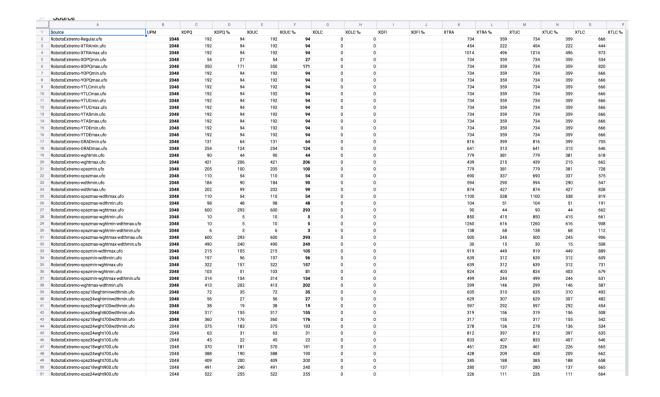
[1] github.com/TypeNetwork/Roboto-Delta/blob/master/fonts/RobotoDelta-VF.ttf

[2] typetools.typenetwork.com/family/Roboto-Delta

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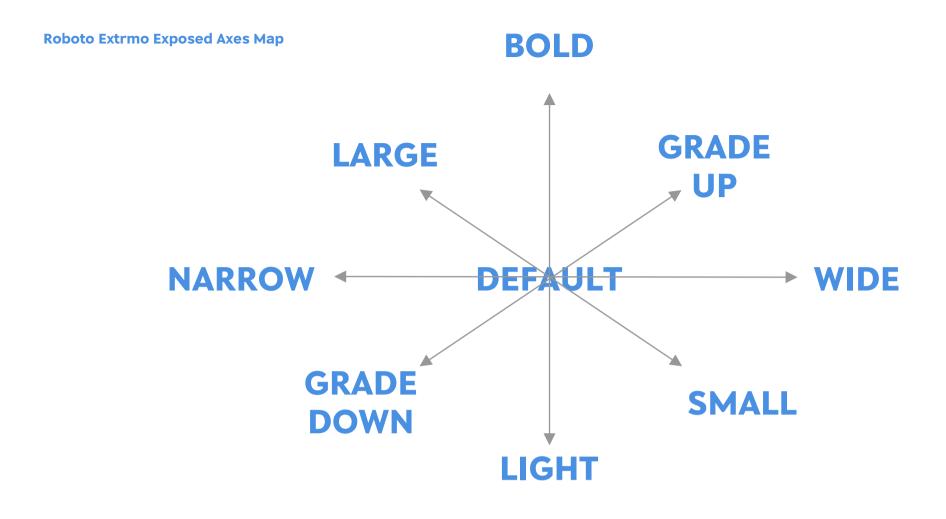


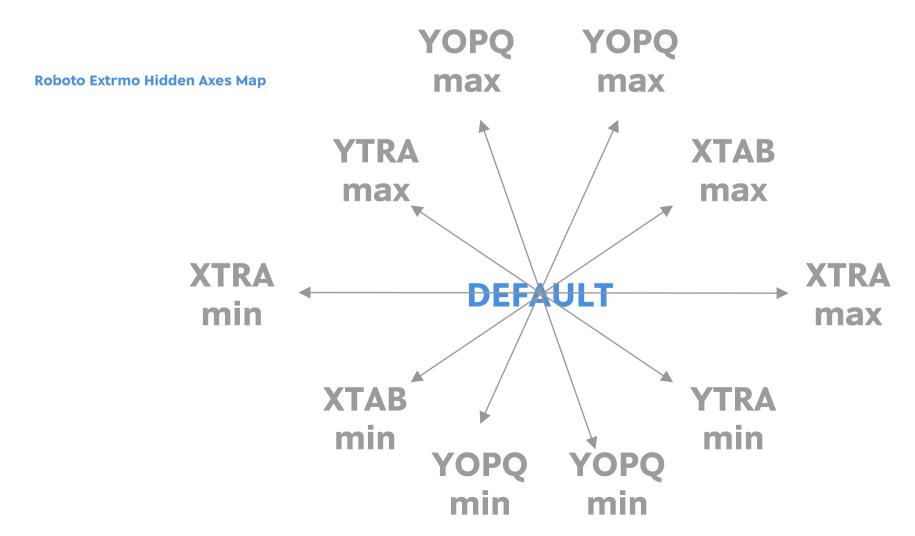


AXES IN Beta VF Roboto Axes map

The evolving design space is the other key element in progress, from a single master to parametric axes that are blended to form the registered axes, and then used to adjust the registered axes and the range of parametric adjustability of each axes.

Both Roboto and Amstelvar have parallel deliverables, so other than extra scheduling required for Amstelvar Italic, the second variable font of that family, the two font families follow similar development paths for glyphs and axes.

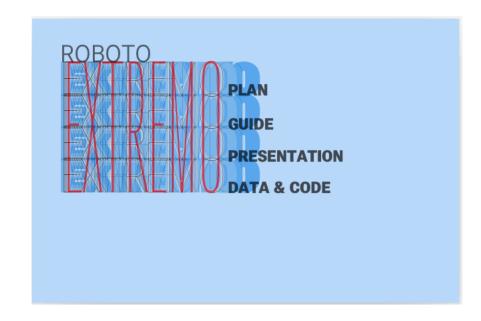


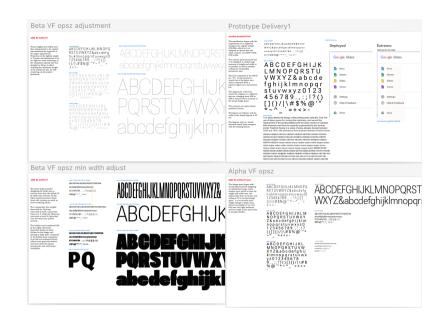


Roboto material

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