

1 Tengwar Formal Unicode: Graphite and AAT options

Here are samples of the different options. The options are specified by adding something to the font name in the `\font` command. The extended font names are all given in this document. A font specification will look like this:

```
\font\bla="font (/GR):feature=value (;feature=value) "
```

In this specification, the part `bla` is a string of your choice. The part `/GR` is optional. It tells XeTeX to use the Graphite information. If you leave it away, it will use the AAT information (though AAT may only work on Mac OS X). Note that you can define as many features as you like:

```
\font\myformal="Tengwar Formal Unicode/GR:204=1;207=2"
at 15pt
```

After this `\font` command has been defined, you can use `\myformal` as a command, for instance as follows:

```
\myformal ᐅᐅᐅᐅ ᐅᐅᐅᐅᐅ \normalfont
```

This will look like this: ᐅᐅᐅᐅ ᐅᐅᐅᐅᐅ

1.1 Descending W-tengwa

1.1.1 Default

```
"Tengwar Formal Unicode/GR"
ᐅᐅᐅᐅ ᐅᐅᐅᐅᐅ
"Tengwar Formal Unicode"
ᐅᐅᐅᐅ ᐅᐅᐅᐅᐅ
```

1.1.2 Descending W-tengwa

```
"Tengwar Formal Unicode/GR:204=1"
ᐅᐅᐅᐅ ᐅᐅᐅᐅᐅ
"Tengwar Formal Unicode:Character Alternatives=Descending
W-tengwa;"
ᐅᐅᐅᐅ ᐅᐅᐅᐅᐅ
```

1.2 Marked Osse

1.2.1 Default: Never

"Tengwar Formal Unicode/GR"

cȚc

"Tengwar Formal Unicode"

cȚc

1.2.2 Word final

"Tengwar Formal Unicode/GR:207=1"

cȚȥ

"Tengwar Formal Unicode:Marked Osse=Word final"

cȚȥ

1.2.3 Always

"Tengwar Formal Unicode/GR:207=2"

ȥȚȥ

"Tengwar Formal Unicode:Marked Osse=Always"

ȥȚȥ

1.3 Bar style

1.3.1 Default: Straight

"Tengwar Formal Unicode/GR"

ṗṗṚṚṖṖ

"Tengwar Formal Unicode"

ṗṗṚṚṖṖ

1.3.2 Tilde

"Tengwar Formal Unicode/GR:209=1"

ṗṗṚṚṖṖ

"Tengwar Formal Unicode:Bar style=Tilde"

ṗṗṚṚṖṖ

1.4 A-tehta style

1.4.1 Default: Dots

"Tengwar Formal Unicode/GR"

ṗṖ

$\ddot{p}\ddot{p}$

"Tengwar Formal Unicode/GR:210=1"

 $\hat{p}\hat{p}$ $\hat{p}\hat{p}$

1.5.1 Default: Hook

բԿԸԿԸՆԼԼԼԼ:

[illegible]

"Tengwar Formal Unicode/GR:211=1"

ጥራቱ ምን ያህል ነው?

የኃይል ምንጭ ማግኘት

2 Sample Text

2.1 Graphite

[illegible]

2.2 AAT

[illegible]

၁ ၂ ၃ ၄ ၅ ၆ ၇ ၈ ၉ ၁၀ ၁၁ ၁၂ ၁၃ ၁၄ ၁၅ ၁၆ ၁၇ ၁၈ ၁၉ ၂၀ ၂၁ ၂၂ ၂၃ ၂၄ ၂၅ ၂၆ ၂၇ ၂၈ ၂၉ ၃၀ ၃၁ ၃၂ ၃၃ ၃၄ ၃၅ ၃၆ ၃၇ ၃၈ ၃၉ ၄၀ ၄၁ ၄၂ ၄၃ ၄၄ ၄၅ ၄၆ ၄၇ ၄၈ ၄၉ ၅၀ ၅၁ ၅၂ ၅၃ ၅၄ ၅၅ ၅၆ ၅၇ ၅၈ ၅၉ ၆၀ ၆၁ ၆၂ ၆၃ ၆၄ ၆၅ ၆၆ ၆၇ ၆၈ ၆၉ ၇၀ ၇၁ ၇၂ ၇၃ ၇၄ ၇၅ ၇၆ ၇၇ ၇၈ ၇၉ ၈၀ ၈၁ ၈၂ ၈၃ ၈၄ ၈၅ ၈၆ ၈၇ ၈၈ ၈၉ ၉၀ ၉၁ ၉၂ ၉၃ ၉၄ ၉၅ ၉၆ ၉၇ ၉၈ ၉၉ ၁၀၀

[illegible]

[illegible]

[illegible]

[illegible]

𐀀 𐀁 𐀂 𐀃 𐀄 𐀅 𐀆 𐀇 𐀈 𐀉 𐀊 𐀋 𐀌 𐀍 𐀎 𐀏 𐀐 𐀑 𐀒 𐀓 𐀔 𐀕 𐀖 𐀗 𐀘 𐀙 𐀚 𐀛 𐀜 𐀝 𐀞 𐀟 𐀠 𐀡 𐀢 𐀣 𐀤 𐀥 𐀦 𐀧 𐀨 𐀩 𐀪 𐀫 𐀬 𐀭 𐀮 𐀯 𐀰 𐀱 𐀲 𐀳 𐀴 𐀵 𐀶 𐀷 𐀸 𐀹 𐀺 𐀻 𐀼 𐀽 𐀾 𐀿 𐁀 𐁁 𐁂 𐁃 𐁄 𐁅 𐁆 𐁇 𐁈 𐁉 𐁊 𐁋 𐁌 𐁍 𐁎 𐁏 𐁐 𐁑 𐁒 𐁓 𐁔 𐁕 𐁖 𐁗 𐁘 𐁙 𐁚 𐁛 𐁜 𐁝 𐁞 𐁟 𐁠 𐁡 𐁢 𐁣 𐁤 𐁥 𐁦 𐁧 𐁨 𐁩 𐁪 𐁫 𐁬 𐁭 𐁮 𐁯 𐁰 𐁱 𐁲 𐁳 𐁴 𐁵 𐁶 𐁷 𐁸 𐁹 𐁺 𐁻 𐁼 𐁽 𐁾 𐁿 𐂀 𐂁 𐂂 𐂃 𐂄 𐂅 𐂆 𐂇 𐂈 𐂉 𐂊 𐂋 𐂌 𐂍 𐂎 𐂏 𐂐 𐂑 𐂒 𐂓 𐂔 𐂕 𐂖 𐂗 𐂘 𐂙 𐂚 𐂛 𐂜 𐂝 𐂞 𐂟 𐂠 𐂡 𐂢 𐂣 𐂤 𐂥 𐂦 𐂧 𐂨 𐂩 𐂪 𐂫 𐂬 𐂭 𐂮 𐂯 𐂰 𐂱 𐂲 𐂳 𐂴 𐂵 𐂶 𐂷 𐂸 𐂹 𐂺 𐂻 𐂼 𐂽 𐂾 𐂿 𐃀 𐃁 𐃂 𐃃 𐃄 𐃅 𐃆 𐃇 𐃈 𐃉 𐃊 𐃋 𐃌 𐃍 𐃎 𐃏 𐃐 𐃑 𐃒 𐃓 𐃔 𐃕 𐃖 𐃗 𐃘 𐃙 𐃚 𐃛 𐃜 𐃝 𐃞 𐃟 𐃠 𐃡 𐃢 𐃣 𐃤 𐃥 𐃦 𐃧 𐃨 𐃩 𐃪 𐃫 𐃬 𐃭 𐃮 𐃯 𐃰 𐃱 𐃲 𐃳 𐃴 𐃵 𐃶 𐃷 𐃸 𐃹 𐃺 𐃻 𐃼 𐃽 𐃾 𐃿 𐄀 𐄁 𐄂 𐄃 𐄄 𐄅 𐄆 𐄇 𐄈 𐄉 𐄊 𐄋 𐄌 𐄍 𐄎 𐄏 𐄐 𐄑 𐄒 𐄓 𐄔 𐄕 𐄖 𐄗 𐄘 𐄙 𐄚 𐄛 𐄜 𐄝 𐄞 𐄟 𐄠 𐄡 𐄢 𐄣 𐄤 𐄥 𐄦 𐄧 𐄨 𐄩 𐄪 𐄫 𐄬 𐄭 𐄮 𐄯 𐄰 𐄱 𐄲 𐄳 𐄴 𐄵 𐄶 𐄷 𐄸 𐄹 𐄺 𐄻 𐄼 𐄽 𐄾 𐄿 𐅀 𐅁 𐅂 𐅃 𐅄 𐅅 𐅆 𐅇 𐅈 𐅉 𐅊 𐅋 𐅌 𐅍 𐅎 𐅏 𐅐 𐅑 𐅒 𐅓 𐅔 𐅕 𐅖 𐅗 𐅘 𐅙 𐅚 𐅛 𐅜 𐅝 𐅞 𐅟 𐅠 𐅡 𐅢 𐅣 𐅤 𐅥 𐅦 𐅧 𐅨 𐅩 𐅪 𐅫 𐅬 𐅭 𐅮 𐅯 𐅰 𐅱 𐅲 𐅳 𐅴 𐅵 𐅶 𐅷 𐅸 𐅹 𐅺 𐅻 𐅼 𐅽 𐅾 𐅿 𐆀 𐆁 𐆂 𐆃 𐆄 𐆅 𐆆 𐆇 𐆈 𐆉 𐆊 𐆋 𐆌 𐆍 𐆎 𐆏 𐆐 𐆑 𐆒 𐆓 𐆔 𐆕 𐆖 𐆗 𐆘 𐆙 𐆚 𐆛 𐆜 𐆝 𐆞 𐆟 𐆠 𐆡 𐆢 𐆣 𐆤 𐆥 𐆦 𐆧 𐆨 𐆩 𐆪 𐆫 𐆬 𐆭 𐆮 𐆯 𐆰 𐆱 𐆲 𐆳 𐆴 𐆵 𐆶 𐆷 𐆸 𐆹 𐆺 𐆻 𐆼 𐆽 𐆾 𐆿 𐇀 𐇁 𐇂 𐇃 𐇄 𐇅 𐇆 𐇇 𐇈 𐇉 𐇊 𐇋 𐇌 𐇍 𐇎 𐇏 𐇐 𐇑 𐇒 𐇓 𐇔 𐇕 𐇖 𐇗 𐇘 𐇙 𐇚 𐇛 𐇜 𐇝 𐇞 𐇟 𐇠 𐇡 𐇢 𐇣 𐇤 𐇥 𐇦 𐇧 𐇨 𐇩 𐇪 𐇫 𐇬 𐇭 𐇮 𐇯 𐇰 𐇱 𐇲 𐇳 𐇴 𐇵 𐇶 𐇷 𐇸 𐇹 𐇺 𐇻 𐇼 𐇽 𐇾 𐇿 𐈀 𐈁 𐈂 𐈃 𐈄 𐈅 𐈆 𐈇 𐈈 𐈉 𐈊 𐈋 𐈌 𐈍 𐈎 𐈏 𐈐 𐈑 𐈒 𐈓 𐈔 𐈕 𐈖 𐈗 𐈘 𐈙 𐈚 𐈛 𐈜 𐈝 𐈞 𐈟 𐈠 𐈡 𐈢 𐈣 𐈤 𐈥 𐈦 𐈧 𐈨 𐈩 𐈪 𐈫 𐈬 𐈭 𐈮 𐈯 𐈰 𐈱 𐈲 𐈳 𐈴 𐈵 𐈶 𐈷 𐈸 𐈹 𐈺 𐈻 𐈼 𐈽 𐈾 𐈿 𐉀 𐉁 𐉂 𐉃 𐉄 𐉅 𐉆 𐉇 𐉈 𐉉 𐉊 𐉋 𐉌 𐉍 𐉎 𐉏 𐉐 𐉑 𐉒 𐉓 𐉔 𐉕 𐉖 𐉗 𐉘 𐉙 𐉚 𐉛 𐉜 𐉝 𐉞 𐉟 𐉠 𐉡 𐉢 𐉣 𐉤 𐉥 𐉦 𐉧 𐉨 𐉩 𐉪 𐉫 𐉬 𐉭 𐉮 𐉯 𐉰 𐉱 𐉲 𐉳 𐉴 𐉵 𐉶 𐉷 𐉸 𐉹 𐉺 𐉻 𐉼 𐉽 𐉾 𐉿 𐊀 𐊁 𐊂 𐊃 𐊄 𐊅 𐊆 𐊇 𐊈 𐊉 𐊊 𐊋 𐊌 𐊍 𐊎 𐊏 𐊐 𐊑 𐊒 𐊓 𐊔 𐊕 𐊖 𐊗 𐊘 𐊙 𐊚 𐊛 𐊜 𐊝 𐊞 𐊟 𐊠 𐊡 𐊢 𐊣 𐊤 𐊥 𐊦 𐊧 𐊨 𐊩 𐊪 𐊫 𐊬 𐊭 𐊮 𐊯 𐊰 𐊱 𐊲 𐊳 𐊴 𐊵 𐊶 𐊷 𐊸 𐊹 𐊺 𐊻 𐊼 𐊽 𐊾 𐊿 𐋀 𐋁 𐋂 𐋃 𐋄 𐋅 𐋆 𐋇 𐋈 𐋉 𐋊 𐋋 𐋌 𐋍 𐋎 𐋏 𐋐 𐋑 𐋒 𐋓 𐋔 𐋕 𐋖 𐋗 𐋘 𐋙 𐋚 𐋛 𐋜 𐋝 𐋞 𐋟 𐋠 𐋡 𐋢 𐋣 𐋤 𐋥 𐋦 𐋧 𐋨 𐋩 𐋪 𐋫 𐋬 𐋭 𐋮 𐋯 𐋰 𐋱 𐋲 𐋳 𐋴 𐋵 𐋶 𐋷 𐋸 𐋹 𐋺 𐋻 𐋼 𐋽 𐋾 𐋿 𐌀 𐌁 𐌂 𐌃 𐌄 𐌅 𐌆 𐌇 𐌈 𐌉 𐌊 𐌋 𐌌 𐌍 𐌎 𐌏 𐌐 𐌑 𐌒 𐌓 𐌔 𐌕 𐌖 𐌗 𐌘 𐌙 𐌚 𐌛 𐌜 𐌝 𐌞 𐌟 𐌠 𐌡 𐌢 𐌣 𐌤 𐌥 𐌦 𐌧 𐌨 𐌩 𐌪 𐌫 𐌬 𐌭 𐌮 𐌯 𐌰 𐌱

[illegible]

[illegible]

1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100. 101. 102. 103. 104. 105. 106. 107. 108. 109. 110. 111. 112. 113. 114. 115. 116. 117. 118. 119. 120. 121. 122. 123. 124. 125. 126. 127. 128. 129. 130. 131. 132. 133. 134. 135. 136. 137. 138. 139. 140. 141. 142. 143. 144. 145. 146. 147. 148. 149. 150. 151. 152. 153. 154. 155. 156. 157. 158. 159. 160. 161. 162. 163. 164. 165. 166. 167. 168. 169. 170. 171. 172. 173. 174. 175. 176. 177. 178. 179. 180. 181. 182. 183. 184. 185. 186. 187. 188. 189. 190. 191. 192. 193. 194. 195. 196. 197. 198. 199. 200. 201. 202. 203. 204. 205. 206. 207. 208. 209. 210. 211. 212. 213. 214. 215. 216. 217. 218. 219. 220. 221. 222. 223. 224. 225. 226. 227. 228. 229. 230. 231. 232. 233. 234. 235. 236. 237. 238. 239. 240. 241. 242. 243. 244. 245. 246. 247. 248. 249. 250. 251. 252. 253. 254. 255. 256. 257. 258. 259. 260. 261. 262. 263. 264. 265. 266. 267. 268. 269. 270. 271. 272. 273. 274. 275. 276. 277. 278. 279. 280. 281. 282. 283. 284. 285. 286. 287. 288. 289. 290. 291. 292. 293. 294. 295. 296. 297. 298. 299. 300. 301. 302. 303. 304. 305. 306. 307. 308. 309. 310. 311. 312. 313. 314. 315. 316. 317. 318. 319. 320. 321. 322. 323. 324. 325. 326. 327. 328. 329. 330. 331. 332. 333. 334. 335. 336. 337. 338. 339. 340. 341. 342. 343. 344. 345. 346. 347. 348. 349. 350. 351. 352. 353. 354. 355. 356. 357. 358. 359. 360. 361. 362. 363. 364. 365. 366. 367. 368. 369. 370. 371. 372. 373. 374. 375. 376. 377. 378. 379. 380. 381. 382. 383. 384. 385. 386. 387. 388. 389. 390. 391. 392. 393. 394. 395. 396. 397. 398. 399. 400. 401. 402. 403. 404. 405. 406. 407. 408. 409. 410. 411. 412. 413. 414. 415. 416. 417. 418. 419. 420. 421. 422. 423. 424. 425. 426. 427. 428. 429. 430. 431. 432. 433. 434. 435. 436. 437. 438. 439. 440. 441. 442. 443. 444. 445. 446. 447. 448. 449. 450. 451. 452. 453. 454. 455. 456. 457. 458. 459. 460. 461. 462. 463. 464. 465. 466. 467. 468. 469. 470. 471. 472. 473. 474. 475. 476. 477. 478. 479. 480. 481. 482. 483. 484. 485. 486. 487. 488. 489. 490. 491. 492. 493. 494. 495. 496. 497. 498. 499. 500. 501. 502. 503. 504. 505. 506. 507. 508. 509. 510. 511. 512. 513. 514. 515. 516. 517. 518. 519. 520. 521. 522. 523. 524. 525. 526. 527. 528. 529. 530. 531. 532. 533. 534. 535. 536. 537. 538. 539. 540. 541. 542. 543. 544. 545. 546. 547. 548. 549. 550. 551. 552. 553. 554. 555. 556. 557. 558. 559. 560. 561. 562. 563. 564. 565. 566. 567. 568. 569. 570. 571. 572. 573. 574. 575. 576. 577. 578. 579. 580. 581. 582. 583. 584. 585. 586. 587. 588. 589. 590. 591. 592. 593. 594. 595. 596. 597. 598. 599. 600. 601. 602. 603. 604. 605. 606. 607. 608. 609. 610. 611. 612. 613. 614. 615. 616. 617. 618. 619. 620. 621. 622. 623. 624. 625. 626. 627. 628. 629. 630. 631. 632. 633. 634. 635. 636. 637. 638. 639. 640. 641. 642. 643. 644. 645. 646. 647. 648. 649. 650. 651. 652. 653. 654. 655. 656. 657. 658. 659. 660. 661. 662. 663. 664. 665. 666. 667. 668. 669. 670. 671. 672. 673. 674. 675. 676. 677. 678. 679. 680. 681. 682. 683. 684. 685. 686. 687. 688. 689. 690. 691. 692. 693. 694. 695. 696. 697. 698. 699. 700. 701. 702. 703. 704. 705. 706. 707. 708. 709. 710. 711. 712. 713. 714. 715. 716. 717. 718. 719. 720. 721. 722. 723. 724. 725. 726. 727. 728. 729. 730. 731. 732. 733. 734. 735. 736. 737. 738. 739. 740. 741. 742. 743. 744. 745. 746. 747. 748. 749. 750. 751. 752. 753. 754. 755. 756. 757. 758. 759. 760. 761. 762. 763. 764. 765. 766. 767. 768. 769. 770. 771. 772. 773. 774. 775. 776. 777. 778. 779. 780. 781. 782. 783. 784. 785. 786. 787. 788. 789. 790. 791. 792. 793. 794. 795. 796. 797. 798. 799. 800. 801. 802. 803. 804. 805. 806. 807. 808. 809. 810. 811. 812. 813. 814. 815. 816. 817. 818. 819. 820. 821. 822. 823. 824. 825. 826. 827. 828. 829. 830. 831. 832. 833. 834. 835. 836. 837. 838. 839. 840.