



t = [g.name for g  
nt = *self*.CodeFont

# <!-- About Gintronic -->

## The most ergonomic programming font Designed for code & applicable for *\*anything\**

Gintronic's gentle appearance makes it a delight to work *constantly* with code. Other than most programming fonts, which are exactly lacking this feature owing to their too technical style for fixating on code's constraints<sup>(1)</sup> and are therefore tedious to read.

Gintronic particularly avoids this mechanical, robotic presence with a smooth and open cut which helps to distinguish glyphs and let the information breathe.

Glyphs that are usually hard to tell apart got an enhanced grade of distinction (B#8, I#i#L#l#1, S#5#s, O#0#D, Z#2#Z etc.)

The font comes with a delicate italic, very capable of adding spice to your code. It is designed to highlight a semantic distinction, add ease but to never distract. Feel free to use it even stand alone.

The uppercase letters are equipped with cushier proportions: shorter and hence less narrow than often found. Lengthy all caps settings are thereby cozier to read.

Someone might think the little slack letterspacing cuts the amount of text fit on a screen. Albeit it actually contributes to easier legibility especially in small sizes which in turn boosts the quantity of receivable information. No more too-tight-stringed-character-decypthering-struggles.

Gintronic's carefully crafted range of weights provides for the ideal relation of fore- and background serving any possible syntax highlighting as well as the rendering medium (OS, software, screen). Besides that, the thin weights can be especially charming on retina screens and tiny sizes, while the very bold ones present their character particularly in huge sizes of any kind.

With 1174 glyphs, the character set is extensive, providing Latin, Cyrillic, Greek, numberless technical symbols, box-drawing-glyphs and bountiful figures, math signs and arrows. And if this wouldn't be enough, there is a stylistic set with some less odd characters if you don't need the distinctive shapes.

All this totals up to a very engaging programming font. However, don't hesitate to use it for really *\*anything\** you like. The realm of possible applications isn't limited by its primary intention, since clamorous display use and interesting text settings have been decision makers during the whole design process.

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(1)

Due to its cryptical, emblematical syntax (e.g. CamelCase & ALLCAPS, under\_scores & hijacked symbols for different @ meanings, punctuation.as::operators\*, indentation hierarchy, many figures & }bra(kets, etc ...), code operates very different from text. It's usually not read top down, but rather piece by piece, back and forth. This demands for different performance abilities of a typeface.



```
availableStyles = {  
  1 : [Gintronic Thin,      Gintronic Thin Italic],  
  2 : [Gintronic Light,    Gintronic Light Italic],  
  3 : [Gintronic Regular,  Gintronic Italic],  
  4 : [Gintronic Medium,   Gintronic Medium Italic],  
  5 : [Gintronic Bold,    Gintronic Bold Italic],  
  6 : [Gintronic Black,  Gintronic Black Italic]  
}
```

► **English** Pack my box with five dozen liquor jugs ★ *Pack my box with five dozen liquor jugs.*

► **Azeri** Zəfər, jaketini də papağını da götür, bu axşam hava çox soyuq olacaq ★ *Zəfər, jaketini də papağını da götür, bu axşam hava çox soyuq olacaq.*

► **Breton** Yec'hed mat Jakez! Skarzhit ar gwerennoù-mañ, kavet e vo gwinn betek fin ho puhez ★ *Yec'hed mat Jakez! Skarzhit ar gwerennoù-mañ, kavet e vo gwinn betek fin ho puhez.*

► **Bulgarian** Ах чудна българска земя, полюшвай цъфтящи жита ★ *Ах чудна българска земя, полюшвай цъфтящи жита.*

► **Catalan** Això, illús company geniüt, ja és un lluït rètol blavis d'onze kWh ★ *Això, illús company geniüt, ja és un lluït rètol blavis d'onze kWh.*

► **Croatian** Gojazni đaćić s biciklom drži hmelj i finu vatu u džepu nošnje ★ *Gojazni đaćić s biciklom drži hmelj i finu vatu u džepu nošnje.*

► **Czech** Nechť již hříšné saxofony dáb-  
lů rozezvučí síň úděsnými tóny waltzu,  
tanga a quickstepu ★ *Nechť již hříšné  
saxofony dáb-  
lů rozezvučí síň úděsnými  
tóny waltzu,  
tanga a quickstepu.*

► **Danish** Høj bly gom vandt fræk  
sexquiz på wc. ★ *Høj bly gom vandt  
fræk sexquiz på wc.*

► **Esperanto** Eble ĉiu kvazaŭ-deca  
fuŝhoraĵo ĝojigos homtipon ★ *Eble ĉiu  
kvazaŭ-deca fuŝhoraĵo ĝojigos homti-  
pon.*

► **Estonian** Põdur tšellomängija-fõljet-  
onist Ciqo külmetas garaažis ★ *Põdur  
tšellomängija-fõljetonist Ciqo külme-  
tas garaažis.*

► **Finnish** Törkylempijävongahdus; Hy-  
vän lorun sangen pieneksi hyödyksi jäi  
suomen kirjaimet ★ *Törkylempijävongah-  
dus; Hyvän lorun sangen pieneksi hyö-  
dyksi jäi suomen kirjaimet.*

► **French** Bâchez la queue du wagon-taxi  
avec les pyjamas du fakir ★ *Bâchez la  
queue du wagon-taxi avec les pyjamas  
du fakir.*

► **West Frisian** Alve bazige froulju  
wachtsje op dyn komst ★ *Alve bazige  
froulju wachtsje op dyn komst.*

► **German** Victor jagt zwölf Boxkämpfer  
quer über den großen Sylter Deich ★ *Victor  
jagt zwölf Boxkämpfer quer über  
den großen Sylter Deich.*

► **Greek** Διαφυλάξτε γενικά τη ζωή σας  
από βαθεία ψυχικά τραύματα ★ *Διαφυλάξ-  
τε γενικά τη ζωή σας από βαθεία ψυχικά  
τραύματα.*

► **Hungarian** Jó foxim és don Quijote  
húszwattos lámpánál ülve egy pár búvös  
cipőt készít ★ *Jó foxim és don Quijote  
húszwattos lámpánál ülve egy pár búvös  
cipőt készít.*

► **Icelandic** Þú dazt á hnéð í vök og  
yfir blóm sexý þæju ★ *Þú dazt á hnéð í  
vök og yfir blóm sexý þæju.*

► **Indonesian** Muharjo seorang xenofobia  
universal yang takut pada warga ja-  
zirah, contohnya Qatar ★ *Muharjo seo-  
rang xenofobia universal yang takut  
pada warga jazirah, contohnya Qatar.*

► **Irish** D'fhuascaíl Íosa Úrmhac na  
hóighe Beannaithe pór Éava agus  
Ádhaimh ★ *D'fhuascaíl Íosa Úrmhac  
na hóighe Beannaithe pór Éava agus  
Ádhaimh.*

► **Italian** Qualche notizia pavese mi fa  
sbadigliare ★ *Qualche notizia pavese  
mi fa sbadigliare.*

► **Latin** Sic fugiens, dux, zelotypus,  
quam Karus haberis ★ *Sic fugiens, dux,  
zelotypus, quam Karus haberis.*

► **Latvian** Muļķa hipiji mēģina brī-  
vi nogaršot celofāna žņaudzējčūsku ★  
*Muļķa hipiji mēģina brīvi nogaršot ce-  
lofāna žņaudzējčūsku.*

► **Lithuanian** Įlinkdama fechtuotojo  
špaga sublykčiojusi pragrėžė apvalų  
arbūzą ★ *Įlinkdama fechtuotojo  
špaga sublykčiojusi pragrėžė apvalų  
arbūzą.*

► **Lojban** .o'i mu xagji sofybakni cu  
zvati le purdi ★ *.o'i mu xagji sofy-  
bakni cu zvati le purdi*

► **Macedonian** Сидарски пејзаж: шугав  
билмез со чудење џвака ќофте и ќел  
на туѓ цех ★ *Сударску пејзаж: шугав  
билмез со чудење џвака ќофте и ќел на  
туѓ цех.*

► **Norwegian** Vår sære Zulu fra bade-  
øya spilte jo whist og quickstep i min  
taxi ★ *Vår sære Zulu fra badeøya spil-  
te jo whist og quickstep i min taxi.*

► **Polish** Mężny bądź, chroń pułk twój  
i sześć flag ★ *Mężny bądź, chroń pułk  
twój i sześć flag.*

► **Portuguese** Luís argüia à Júlia que  
«brações, fé, chá, óxido, pôr, zângão»  
eram palavras do português ★ *Luís ar-  
güia à Júlia que «brações, fé, chá,  
óxido, pôr, zângão» eram palavras do  
português.*

► **Romanian** Bând whisky, jazologul  
șprițuit vomă fix în tequila ★ *Bând  
whisky, jazologul șprițuit vomă fix în  
tequila.*

► **Russian** Любя, съешь щипцы, вздохнёт  
мэр, Кайф жгуч ★ *Любя, съешь щипцы,  
вздохнёт мэр, Кайф жгуч.*

► **Scottish Gaelic** Mus d'fhàg Cèit-Ùna  
ròp ì le ob ★ *Mus d'fhàg Cèit-Ùna ròp  
ì le ob.*

► **Serbian** Fin džip, gluh jež i čvrst  
konjić dodoše bez moljca ★ *Fin džip,  
gluh jež i čvrst konjić dodoše bez  
moljca.*

► **Slovak** Krdeľ šťastných ďatľov učí  
pri ústí Váhu mĺkveho koňa obhrý-  
zať kôru a žrať čerstvé mäso ★ *Krdeľ  
šťastných ďatľov učí pri ústí Váhu  
mĺkveho koňa obhrýzať kôru a žrať čer-  
stvé mäso.*

► **Slovenian** Fučka se mi hladna goveja  
žolca brez pršuta ★ *Fučka se mi hladna  
goveja žolca brez pršuta.*

► **Spanish** Queda gazpacho, fibra, lá-  
tex, jamón, kiwi y viñas ★ *Queda ga-  
zpacho, fibra, látex, jamón, kiwi y  
viñas.*

► **Swedish** Gud hjälpe Zorns mö qvickt  
få byxa ★ *Gud hjälpe Zorns mö qvickt  
få byxa.*

► **Tagalog** Ang bawat rehistradong kala-  
hok sa patimpalak ay umaasang magan-  
timpalaan ng ñino ★ *Ang bawat rehis-  
tradong kalahok sa patimpalak ay uma-  
asang magantimpalaan ng ñino.*

► **Turkish** Öküz ajan hapse düştü yav-  
rum, ocağı felç gibi ★ *Öküz ajan hapse  
düştü yavrum, ocağı felç gibi.*

► **Ukrainian** Чуеш їх, доцю, га? Кумедна  
ж ти, прощайся без гольфів ★ *Чуеш їх,  
доцю, га? Кумедна ж ти, прощайся без  
гольфів.*

► **Welsh** Parciais fy jac codi baw hud  
llawn dŵr ger tŷ Mabon ★ *Parciais fy  
jac codi baw hud llawn dŵr ger tŷ Ma-  
bon.*

*Latin*

В R æ g ç Ů Đ z Ā ı η ...

*Cyrillic*

Б Я д б э ж ль й щ ђ ...

*Greek*

'Α δ ϕ ζ ώ Ξ Ω π μ ε ...

*Figures*

1 6 1 6 ① ⑥ ① ⑥ ₁ ₆ ¹ ⁶ ½ ⅕ ...

*Punctuation*

g \* ? [ \* ] ‹ › :: )) ‰ ‡ ...

*Symbols*

↻ ⊗ ♪ ♯ √ ♣ ⌘ ⚠ ★ ⊕ ♀ № ...

*Math*

∴ √ ∂ ≈ ≧ ⌘ ℬ ℑ ⊕ ∫ ⊗ ∅ ⋈ ...

*Box Drawing*

▤ ▮ ▯ ▰ ▱ ▲ △ ▴ ▵ ▶ ▷ ▸ ▹ ► ▻ ▼ ▽ ▾ ▿ ...

*Shapes*

◻ ◼ ◽ ◾ ◿ ◰ ◱ ◲ ◳ ◴ ◵ ◶ ◷ ◸ ◹ ◺ ◻ ...

*Arrows*

↗ ↘ ⇌ ↻ ↕ ↔ → ↵ ← ⇄ ↻ ↷ ↕ ...

*Other*

♻️ 🔍 🍷 ⏩ 🔊 😊 ⚡ ⚛ ...

*More*

For a complete overview of [all 1174 glyphs](#) please check the Technical Report PDF.

# Bursting=key;

```
$themes = [Theme]::order_by('updated_at', 'desc') paginate(4)
```

```
while Application("just Display", 62) not in format;
```

## Screen ⇄ Routers

»K<sup>⊛</sup>rnkraft«? ☺ Ja Bitte!

⇒ *Download the tool @ GitHub*

Generated recursion = {}

```
class EarnBitcoins(↻):
```

# Robot Señor

```
"~/Desktop/?usr/02_\&mkdir"
```

```
colorWithSRGBRed:green:blue:alpha:
```

```
if google.input == ("Bing", error="failed"):
    for data in world["internet"]:
        data.erase("↵" * 37)
```

```
def wholeInternet(fullyLoaded):
    for i, x in enumerate(openFountains):
        chillPath = MFBezierPath.alloc().init()
        if hitCount >= 4.6692: # [...]
            self.explode(colours = 128bit)
```



The process of encoding converts information from a source into symbols for communication or storage. Decoding is the reverse process, converting code symbols back into a form that the recipient “understands”.

```

function udm(e,t){var n="comScore",r=document,i=r.cookie,s="",o="indexOf",u="substring",a="length",f=2048,l,c="&ns_",h="&",p,d,v,m,g=window,y=g.encodeURIComponent||escape;if(i[o](n)+1)for(v=0,d=i.split(";"),m=d[a];v<m;v++)p=d[v][o](n),p+1&&(s=h+unescape(d[v][u](p+n[a])));e+=c+"_t="++(new Date)+c+c="(r.characterSet||r.defaultCharset||"+(g===g.top?"":c+"if=1")+"&cv=3.1&c8="+y(r.title)+s+"&c7="+y(r.URL)+"&c9="+y(r.referrer),e[a]>f&&e[o](h)>o&&(l=e[u](o,f-8).lastIndexOf(h),e=(e[u](o,l)+c+"cut="+y(e[u](l+1)))[u](o,f)),r.images?(p=new Image,g.ns_p||(ns_p=p),typeof t=="function"&&(p.onload=p.onerror=t),p.src=e):r.write("<","p","><','img src='",e,'" height="1" width="1" alt="*"',"><","/p",">")}typeof _comscore=="undefined"&&(_comscore=[]),function(){var e="length",t=window,n=t.encodeURIComponent?encodeURIComponent:escape,r=i=function(t){if(t){var r,i=[],s,o=0,u,a,f="";for(var l in t){s=typeof t[l];if(s=="string"||s=="number")i[i[e]]=l+"="+n(t[l]),l=="c2"?f=t[l]:l=="c1"&&(o=1)}if(i[e]<=o||f=="")return;a=t.options||{};a.d=a.d||document;if(typeof a.url_append=="string"){u=a.url_append.replace(/&/,"&").split("&");for(-var l=0,c=u[e],h;l<c;l++)h=u[l].split("="),h[e]==2&&(i[i[e]]=h[o]+"="+n(h[1]))}r=[a.d.URL.charAt(4)+"s?"//sb:"//b",".scorecardresearch.com/b?",o?"":c1=2&,i.join("&").replace(/&$/,"")],udm(r.join(""))}};s=function(t){t=t||_comscore;for(var n=0,r=t[e];n<r;n++)i(t[n]);t=_comscore=[];s(),(r=t.COMSCORE)?(r.purge=s,r.beacon=i):COMSCORE={purge:s,beacon:i}}();(function(){function U(aq){return typeof aq=="function"||(typeof aq=="object"&&!null)}function M(aq){return typeof aq=="function"}function K(aq){return typeof aq=="object"&&!null}var k;if(!Array.isArray){k=function(aq){return Object.prototype.toString.call(aq)=="[object Array]"}else{k=Array.isArray}var x=k;var z=0;var am={}.toString;var y;var X;var Y=function T(ar,aq){L[z]=ar;L[z+1]=aq;z+=2;if(z===2){if(X){X(V)}else{H()}}};function F(aq){X=aq}function R(aq){Y=aq}var aa=(typeof window!="undefined"?window:undefined);var b=aa||{};var ae=b.MutationObserver||b.WebKitMutationObserver;var u=typeof process!="undefined"&&{}.toString.call(process)=="[object process]";var g=typeof Uint8ClampedArray!="undefined"&&typeof importScripts!="undefined"&&typeof MessageChannel!="undefined";function aj(){return function(){process.nextTick(V)}}function D(){return function(){y(V)}}function G(){var at=0;var aq=new ae(V);var ar=document.createTextNode("");aq.observe(ar,{characterData:true});return function(){ar.data=(at++at%2)}}function Q(){var aq=new MessageChannel();aq.port1.onmessage=V;return function(){aq.port2.postMessage(0)}}function m(){return function(){setTimeout(V,1)}}var L=new Array(1000);function V(){for(var ar=0;ar<z;ar+=2){var at=L[ar];var aq=L[ar+1];at(aq);L[ar]=undefined;L[ar+1]=undefined}z=0}function j(){try{var ar=require;var aq=ar("vertx");y=aq.runOnLoop||aq.runOnContext;return D()}catch(at){return m()}}var H;if(u){H=aj()}else{if(ae){H=G()}else{if(g){H=Q()}else{if(aa===undefined&&typeof require=="function"){H=j()}else{H=m()}}}}function N(){var n=void 0;var v=1;var an=2;var I=new J();function W(){return new TypeError("You cannot resolve a promise with itself")}function t(){return new TypeError("A promises callback cannot return that same promise.")}function C(ar){try{return ar.then}catch(aq){I.error=aq;return I}}function af(av,at,ar,aq){try{av.call(at,ar,aq)}catch(au){return au}}function d(at,aq,ar){Y(function(aw){var av=false;var au=af(ar,aq,function(ax){if(av){return}av=true;if(aq!==ax){al(aw,ax)}else{ak(aw,ax)}},function(ax){if(av){return}av=true;ad(aw,ax)},"Settle:"+aw._label||" unknown promise"));if(!av&&au){av=true;ad(aw,au)}},at)}function ag(ar,aq){if(aq._state===v){ak(ar,aq._result)}else{if(aq._state===an){ad(ar,aq._result)}else{P(aq,undefined,function(at){al(ar,at)},function(at){ad(ar,at)}))}}function s(at,aq){if(aq.constructor===at.constructor){ag(at,aq)}else{var ar=C(aq);if(ar===I){ad(at,I.error)}else{if(ar===undefined){ak(at,aq)}else{if(M(ar)){d(at,aq,ar)}else{ak(at,aq)}}}}function al(ar,aq){if(ar===aq){ad(ar,W())}else{if(U(aq)){s(ar,aq)}else{ak(ar,aq)}}}function r(aq){if(aq._onerror){aq._onerror(aq._result)}ah(aq)}function ak(ar,aq){if(ar._state!==n){return}ar._result=aq;ar._state=v;if(ar._subscribers.length!==0){Y(ah,ar)}function ad(ar,aq){if(ar._state!==n){return}ar._state=an;ar._result=aq;Y(r,ar)}function P(aq,aw,av,au){var at=aq._subscribers;var ar=at.length;aq._onerror=null;at[ar]=aw;at[ar+v]=av;at[ar+an]=au;if(ar===0&&aq._state){Y(ah,aq)}function ah(av){var au=av._subscribers;var aq=av._state;if(au.length===0){return}var ax,aw,at=av._result;for(var ar=0;ar<au.length;ar+=3){ax=au[ar];aw=au[ar+aq];if(ax){E(aq,ax,aw,at)}else{aw(at)}}av._subscribers.length=0}function J(){this.error=null}var i=new J();function ap(at,aq){try{return at(aq)}catch(ar){i.error=ar;return i}}function E(ax,az,aw,at){var aq=M(aw),av,au,ay,ar;if(aq){av=ap(aw,at);if(av===i){ar=true;au=av.error;av=null}else{ay=true;if(az===av){ad(az,t());return}}else{av=at;ay=true;if(az._state!==n){}}else{if(aq&&ay){al(az,av)}else{if(ar){ad(az,au)}else{if(ax===v){ak(az,av)}else{if(ax===an){ad(az,av)}}}}}}function ai(av,au){try{au(function(aq(aw){al(av,aw)},function(at(aw){ad(av,aw)}))}catch(ar){ad(av,ar)}}}function q(ar,aq){var at=this;at._instanceConstructor=ar;at.promise=new ar(N);if(at._validateInput(aq)){at._input=aq;at.length=aq.length;at._remaining=aq.length;at._init();if(at.length===0){ak(at.promise,at._result)}else{at.length=at.length||0;at._enumerate();if(at._remaining===0){ak(at.promise,at._result)}}}else{ad(at.promise,at._validationError())}}q.prototype._validateInput=function(aq){return x(aq)};q.prototype._validationError=function(){return new Error("Array Methods must be provided an Array")};q.prototype._init=function(){this._result=new Array(this.length)};var Z=q;q.prototype._enumerate=function(){var av=this;var at=av.length;var au=av.promise;var aq=av._input;for(var ar=0;au._state===n&&ar<at;ar++){av._eachEntry(aq[ar],ar)};q.prototype._eachEntry=function(ar,aq){var au=this;var at=au._instanceConstructor;if(K(ar)){if(ar.constructor===at&&ar._state!==n){ar._onerror=null;au._settledAt(ar._state,aq,ar._result)}else{au._willSettleAt(at.resolve(ar),aq)}else{au._remaining--;au._result[aq]=ar}};q.prototype._settledAt=function(at,aq,ar){var av=this;var au=av.promise;if(au._state===n){av._remaining--;if(at===an){ad(au,ar)}else{av._result[aq]=ar}}if(av._remaining===0){ak(au,av._result)};q.prototype._willSettleAt=function(ar,aq){var at=this;P(ar,undefined,function(au){at._settledAt(v,aq,au)},function(au){at._settledAt(an,aq,au)});}function p(aq){return new Z(this,aq).promise}var e=p;function a(aq){var ax=this;var aw=new ax(N);if(!x(aq)){ad(aw,new TypeError("You must pass an array to race."));return aw}var at=aq.length;function av(ay){al(aw,ay)}function au(ay){ad(aw,ay)}for(var ar=0;aw._state===n&&ar<at;ar++){P(ax.resolve(aq[ar]),undefined,av,au)}return aw}var B=a;function ab(aq){var at=this;if(aq&&typeof aq=="object"&&aq.constructor===at){return aq}var ar=new at(N);al(ar,aq);return ar}var O=ab;function w(aq){var at=this;var ar=new at(N);ad(ar,aq);return ar}var ao=w;var o=0;function S(){throw new TypeError("You must pass a resolver function as the first argument to the promise constructor")}function h(){throw new TypeError("Failed to construct 'Promise': Please use the 'new' operator, this object constructor cannot be called as a function.")}var A=ac;function ac(aq){this._id=o++;this._state=undefined;this._result=undefined;this._subscribers=[];if(N!==aq){if(!M(aq)){S()}if(!(this instanceof ac)){h()}ai(this,aq)}ac.all=e;ac.race=B;ac.resolve=O;ac.reject=ao;ac._setScheduler=F;ac._setAsap=R;ac._asap=Y;ac.prototype={constructor:ac,then:function(av,au){var ar=this;var at=ar._state;if(at===v&&!av||at===an&&!au){return this}var ax=new this.constructor(N);var aq=ar._result;if(at){var aw=arguments[at-1];Y(function(){E(at,ax,aw,aq)}else{P(ar,ax,av,au)}return ax},"catch":function(aq){return this.then(null,aq)}}};function c(){var aq;if(typeof global!="undefined"){aq=global}else{if(typeof self!="undefined"){aq=self}else{try{aq=Function("return this")()}catch(at){throw new Error("polyfill failed because global object is unavailable in this environment")}}}}var ar=aq.Promise;if(ar&&Object.prototype.toString.call(ar.resolve())=="[object Promise]"&&ar.cast){return}aq.Promise=A;var l=c;var f={Promise:A,polyfill:l};if(typeof define=="function"&&define.amd){define(function(){return f})}else{if(typeof module!="undefined"&&module.exports){module.exports=f}else{if(typeof this!="undefined"){this["ES6Promise"]=f}}l()}.call(this);

```

**(code)** . *Samples* :

```

1  -- cannot delete because the operations are not associative
2
3  import Data.Maybe
4  import qualified Data.Map as Map
5  import System.Random
6
7
8  main = do
9      ops    <- atomically $ newTVar 0
10
11     forM_ [0..99] $ \_ -> do
12         total <- atomically $ newTVar 0
13         forkIO . forever $ do
14             key <- randomRIO (0, 4) :: IO Int
15             atomically $ do
16                 s <- readTVar state
17                 let v = maybe 0 id $ Map.lookup key s
18                     next (a : t@(b:_)) = (a+b) : next t
19
20         forM_ [0..9] $ \_ -> do
21             forkIO . forever $ do
22                 key <- randomRIO (0, 4) :: IO Int
23                 atomically $ do
24                     modifyTVar ops (+1)
25
26         opsFinal <- atomically $ readTVar ops
27         putStrLn $ "ops: " ++ show opsFinal
28
29         s <- atomically $ readTVar state
30
31
32     primes = filterPrime [2..]
33     where filterPrime (p:xs) =
34           p : filterPrime [x | x <- xs, x `mod` p /= 0]

```

```

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20         forM_ [0..9] $ \_ -> do
21             forkIO . forever $ do
22                 key <- randomRIO (0, 4) :: IO Int
23                 atomically $ do
24                     modifyTVar ops (+1)
25
26         opsFinal <- atomically $ readTVar ops
27         putStrLn $ "ops: " ++ show opsFinal
28
29         s <- atomically $ readTVar state
30
31
32     primes = filterPrime [2..]
33     where filterPrime (p:xs) =
34           p : filterPrime [x | x <- xs, x `mod` p /= 0]

```

```

1  p:first-letter{
2      display: block;
3      margin: 5px 0 0 5px;
4      float: left;
5      color: #FF3366;
6      font-size: 60px;
7      font-family: "Gintronic";
8  }
9
10 /*-----*/
11 cols    1      2      3      4      5      6      7      8      Tablet
12 px     68    160    252    344    436    528    620    712    Layout
13 /*-----*/
14 @media only screen and (min-width: 768px) and (max-width: 991px) {
15     .wrapper {
16         width: 712px;
17         display: none;
18     }
19
20     #portfolio-content #project-box .entry-content .multicolumn * {
21         padding-left: 20px;
22     }
23 }
24
25 input[type="submit"] {
26     -webkit-appearance: button;
27     cursor: pointer;
28     *overflow: visible;
29 }
30
31 input[type="checkbox"],
32 input[type="radio"] {
33     box-sizing: border-box;
34     *height: 13px; /* CHANGE FOR BLOCK ELEMENTS */
35     *width: 13px;
36 }
37
38 input[type="search"] {
39     -webkit-appearance: textfield; /* 1 */
40     -moz-box-sizing: content-box;
41 }
42
43 input[type="search"]::-webkit-search-cancel-button,
44 input[type="search"]::-webkit-search-decoration {
45     -webkit-appearance: none;
46 }
47
48
49
50
51

```

```

1  p:first-letter{
2      display: block;
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42
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44 input[type="search"]::-webkit-search-decoration {
45     -webkit-appearance: none;
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47
48
49
50
51

```

```

1 # -*- coding: utf-8 -*-
2 # : [__1.8.2__]
3 # + outsourced drawing functions
4 # : [__1.7.9__]
5 # + removed Glyphs-Files & added virtual font instances
6
7 import os, traceback, Customizables
8 from vanilla import *
9 from Foundation import NSColor, NSUserDefaults, NSMakeRange
10
11 fp = open(textfile, "b") # only ASCII characters.
12 msg = MIMEText(fp.read())
13 fp.close()
14
15 class Gintronic(object):
16
17     version = "1.8.2"
18
19     def __init__(self, Glyphs, thisFont, mID):
20
21         self.Glyphs = Glyphs
22         self.thisFont = thisFont
23         self.mID = mID
24         self.allGlyphsInFont = [g.name for g in self.thisFont.glyphs]
25         self.firstGlyphInFont = self.allGlyphsInFont[0]
26         self.prefwindow = PreferenceWindow(self) # UI
27
28         # reset via UI selections or function calls
29         self.skippedCategories = None
30         self.allowedCategories = [
31             "Letter",
32             "Number",
33             "Punctuation",
34             "Symbol",
35             "Math",
36             "Private Use",
37         ] # put downwards step by step between the to-be-kerned glyph
38         self.prohibitedCategories = ["Mark", "Separator"]
39         self.kerningRelations = ["NG2NG", "G2G", "G2NG", "NG2G"]
40
41     def deactivateReporters(self):
42         try: # LINE 325 SWITCHED OFF
43             for reporter in self.Glyphs.activeReporters:
44                 self.Glyphs.deactivateReporter(reporter)
45         except:
46             print traceback.format_exc()
47
48     def debugPrint(self, s):
49         if debugMode: break
50
51
52
53
54
55

```

```

1 # -*- coding: utf-8 -*-
2 # : [__1.8.2__]
3 # + outsourced drawing functions
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50
51
52
53
54
55

```

```

1 // Init Controller
2
3 angular.module('starter', ['ionic', 'ionic.contrib.ui.fontChars'])
4
5 .directive('noScroll', function($document) {
6   return {
7     link: function($scope, $element, $attr) {
8
9       $document.on('touchmove', function(e) {
10         e.preventDefault();
11       });
12     }
13   }
14 })
15
16 .controller('CharsCtrl', function($scope, MFChartDelegate) {
17   console.log('__Chars CTRL');
18   var charTypes = [
19     { image: '../mark/Gintronic.jpg' },
20   ];
21
22   $scope.cards = Array.prototype.slice.call(charTypes, 0);
23
24   $scope.addChars = function() {
25     var newChar = charTypes[Math.random() * charTypes.length];
26     newChar.id = Math.random();
27     $scope.chars.push(angular.extend({}, newChar));
28   }
29 });
30
31 <!-- **** JS / HTML **** -->
32
33 <html ng-app="ionicApp" ux:name="indicator">
34   <head>
35     <meta name="viewport" content="user-scalable=no">
36     <script src="//code.ionic.com/bundle.js"></script>
37   </head>
38
39   <body ng-controller="MainCtrl" Dock="Top">
40
41     <Rectangle CornerRadius="30" LayoutMaster="p1" ZOffset="0.1"/>
42
43     <ion-content>
44       <div class="list" ColumnCount="indicator">
45
46         <ion-toggle ng-repeat="item in settingsList"
47           ng-model="item.checked"
48           ng-bind="settingsList | json">
49           {{ item.text }}
50         </ion-toggle>
51
52       </div>
53     </ion-content>
54
55   </body>
56
57 </html>
58
59
60
61

```

```

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2
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59
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61

```

```

1  /*****
2  /* Author: MF632 Staff
3  /* Date: February 01, 2016
4  /* Description: Demo constructors, static vs instance methods,
5  /* and method overloading.
6  *****/
7
8  import java.io.PrintStream;
9  import java.io.IOException;
10 import java.io.File;
11 import java.util.Random;
12
13
14 public enum SampleZilla {
15     INSTANCE;
16     public void doSomething() {
17     }
18 }
19
20 SampleZilla.INSTANCE.doSomething();
21
22
23 public class BasicSweeper
24 { private int[][] myCol;
25   private boolean[][] mySun;
26
27   public void cellPicked(int row, int col)
28   { if( inBounds(row, col) && !mySun[row][col] )
29     { mySun[row][col] = true;
30
31       if( myCol[row][col] == 0)
32       { for(int r = -1; r <= 1; r++)
33         for(int c = -1; c <= 1; c++)
34           cellPicked(row + r, col + c);
35       }
36     }
37   }
38
39   public boolean inBounds(int row, int col)
40   { return 0 <= row && row < myCol.length && 0 <= col && col < myCol[0].length;
41   }
42 }
43
44
45 public class WriteToFile
46 { public static void main(String[] args)
47   { try
48     { PrintStream writer = new PrintStream( new File("_MyFile_.txt"));
49       Random r = new Random();
50       final int LIMIT = 654;
51
52       for(int i = 0; i < LIMIT; i++)
53       { writer.println( r.nextInt() );
54       }
55       writer.close();
56     }
57     catch(IOException e)
58     { System.out.println("Error: Cannot write to file.");
59     }
60   }
61 }
62
63
64
65
66
67
68

```

```

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2  /* Author: MF632 Staff
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61 }
62
63
64
65
66
67
68

```



```

1 //
2 // ViewController.m
3 // Gintronic
4 //
5
6 #import "ViewController.h"
7 @interface ViewController ()
8 @property NSMutableArray *givenItems;
9 @property NSMutableArray *convertedItems;
10 @implementation ViewController
11
12 - (void)viewDidLoad {
13     [super viewDidLoad];
14
15     CGFloat screenWidth = [UIScreen mainScreen].bounds.size.width;
16
17     if (!self.convertedItems) {
18         self.convertedItems = [[NSMutableArray alloc] init];
19     }
20     [self.convertedItems addObject:@(10432)];
21
22     int thisY = 6;
23     for (id obj in self.convertedItems) {
24         NSString *buttonTitle = [NSString stringWithFormat:@"%d %@", obj, Nil];
25         NSInteger value = [obj integerValue];
26
27         UIButton *Btn = [UIButton buttonWithType:UIButtonTypeRoundedRect];
28         Btn.frame = CGRectMake(mrg, thisY, screenWidth - 20, 40);
29         Btn.tag = (int)value;
30         [Btn addTarget:self action:@selector(onButton:)
31          forControlEvents:UIControlEventTouchUpInside];
32         [Btn setTitleColor:
33          [UIColor colorWithRed:0 green:.5 blue:1 alpha:1]
34          forState:UIControlStateNormal];
35         Btn.titleLabel.font = [UIFont fontWithName:@"Gintronic-Bold" size:17.0f];
36         [usrInputView addSubview:Btn];
37         thisY = thisY + 48;
38     }
39
40     [txt addTarget:self action:@selector(TextChanged:)
41      forControlEvents:UIControlEventEditingGT];
42     [UIApplication sharedApplication].applicationSupportsShakeToEdit = NO;
43     [self.view bringSubviewToFront:overlay];
44 }
45
46 - (void)Gintronic:(UITextField *)textField {
47     outputLabel.text = [NSString stringWithFormat:@"%d", txt.text];
48     [self calculate];
49 }
50
51 - (float)totalSum {
52     float total = 0;
53     for (NSNumber *number in self.givenItems)
54     {
55         total += number.floatValue;
56     }
57     return total;
58 }
59
60 - (void)addNumber:(int)number {
61     if (!self.givenItems) {
62         self.givenItems = [[NSMutableArray alloc] init];
63     }
64     [self.givenItems addObject:@(number)];
65 }
66
67
68
69
70
71
72
73

```

```

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25         NSInteger value = [obj integerValue];
26
27         UIButton *Btn = [UIButton buttonWithType:UIButtonTypeRoundedRect];
28         Btn.frame = CGRectMake(mrg, thisY, screenWidth - 20, 40);
29         Btn.tag = (int)value;
30         [Btn addTarget:self action:@selector(onButton:)
31          forControlEvents:UIControlEventTouchUpInside];
32         [Btn setTitleColor:
33          [UIColor colorWithRed:0 green:.5 blue:1 alpha:1]
34          forState:UIControlStateNormal];
35         Btn.titleLabel.font = [UIFont fontWithName:@"Gintronic-Bold" size:17.0f];
36         [usrInputView addSubview:Btn];
37         thisY = thisY + 48;
38     }
39
40     [txt addTarget:self action:@selector(TextChanged:)
41      forControlEvents:UIControlEventEditingGT];
42     [UIApplication sharedApplication].applicationSupportsShakeToEdit = NO;
43     [self.view bringSubviewToFront:overlay];
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45
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47     outputLabel.text = [NSString stringWithFormat:@"%d", txt.text];
48     [self calculate];
49 }
50
51 - (float)totalSum {
52     float total = 0;
53     for (NSNumber *number in self.givenItems)
54     {
55         total += number.floatValue;
56     }
57     return total;
58 }
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60 - (void)addNumber:(int)number {
61     if (!self.givenItems) {
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63     }
64     [self.givenItems addObject:@(number)];
65 }
66
67
68
69
70
71
72
73

```

```
# Download # http://www.carrois.com
# =====
```

```
[Kernkraft 1.4.2][dl] (175 KB) -- 17 Jun 2016
```

```
[dl]: https://github.com/carrois/Kernkraft
```

## Introduction

```
-----
```

**"Kernkraft" is a tool** is a tool that might help you to be easily confronted with all the necessary pairs your Font provides [no matter how (not-) extended the character set is].

**"Kernschmelze" is a tool** that will help you interpolate the kerning (given a Glyphs-file with at least 2 masters). It uses the weight-value to calculate, *\*no further axes (e.g. width) are currently supported.\**

See the [Help] page for details. You can try it out, right now, using the online [GithubRepo].

```
[syntax]: /projects/Kernkraft/Kernschmelze
[githubRepo]: /projects/Kernkraft/Git
```

### ### Supported Scripts ###

- Latin
- Cyrillic
- Greek
- Hebrew *\*Under Construction\**

### ### Movable Type Kerning ###

You need to use a special `\MFKernkraftOptions` container tag in each Kerning template where you want HTML 4-style output:

```
<MFKernkraftOptions output='html4'>
  ... put your entry content here ...
</MFKernkraftOptions>
```

For example, you can view source for the article text on this page here: <https://github.com/carrois/Kernkraft/edit/master/README.md>

(You can use this `\.text` suffix to add issues to the Repository)

```
[s_src]: /projects/Kernkraft/CustomKerningLib.text
[l_src]: /projects/Kernkraft/KernkraftModule.text
```

## Discussion List <a id="discussion-list" />

```
-----
```

- Improve Performance by taking everything out of the loops that can be set once [see `\categoriesToSkipUI()`]
- Add `\Skip Non-Exporting Glyphs`
- Noob-Mode (CheckBox): If checked: Messages as Tutorials
- if `\germandbl` or `\germandbl(UC)` follows a `\UC` consonant: `\continue`
- If multiple tabs for different categories:
  - add Buttons to cycle through tabs
  - `\Glyphs.currentDocument.windowController().showNextTab_(True)`

M U L H O L L A N D

D R I V E

EXT. NIGHT - HOLLYWOOD HILLS, LOS ANGELES

Darkness. Distant sounds of freeway traffic. Then the closer sound of a car - its headlights illumine an oleander bush and the limbs of an Eucalyptus tree. Then the headlights turn - a street sign is suddenly brightly lit. The words on the sign read... "Mulholland Drive." The car moves under the sign as it turns and the words fall once again into darkness.

CUT TO:

AUNT RUTH'S BEDROOM - DAY

Betty laughs as she holds one of Ruth's dresses in front of Rita.

BETTY

It's terrible ... My Aunt dresses like Miss Marple.

(off a blank stare from Rita )  
She's kind of a frumpy woman detective in British movies.

Rita laughs along with Betty. Betty goes back in the closet.

BETTY (cont'd)

Here's something okay.

She brings out a pair of khaki pants.

BETTY (cont'd)

Try these on. You can wear one of my T-shirts with it and it won't look bad with those sandals.

CUT TO:

EXT. ADAM'S HOUSE - BEL AIR

Adam pulls into his driveway, but is blocked from entering the garage by a poolman's truck. He gets out of the car and looks at the truck - sees the insignia on the door which is a blue square with the word "Gene" above and the word "Clean" below. Adam hears steps behind him and turns. A JAPANESE GARDENER is coming toward him smiling and bowing.

JAPANESE GARDENER

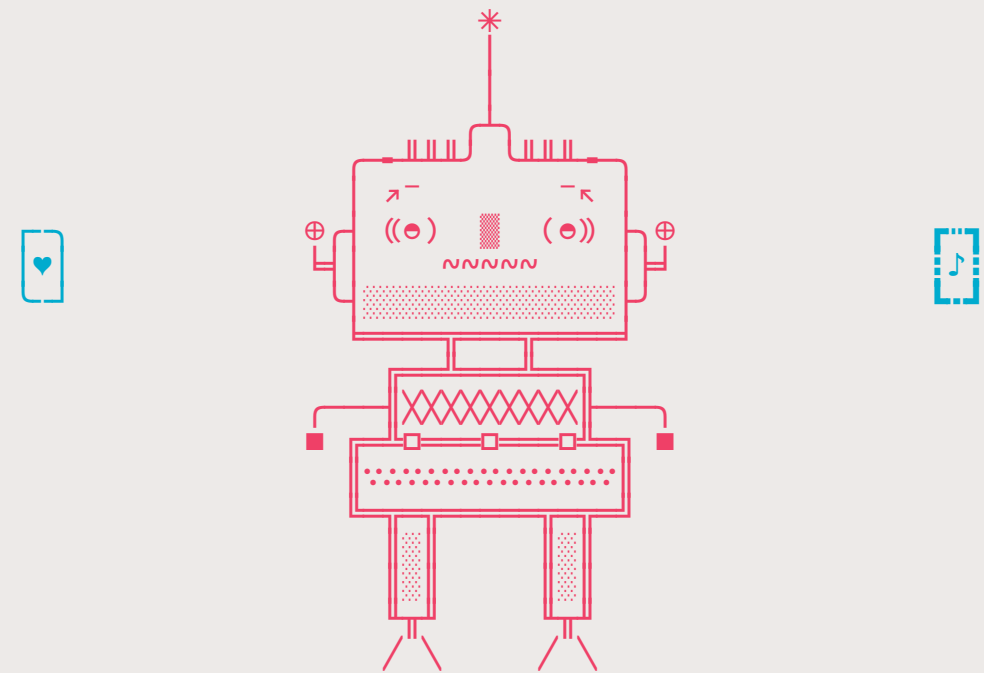
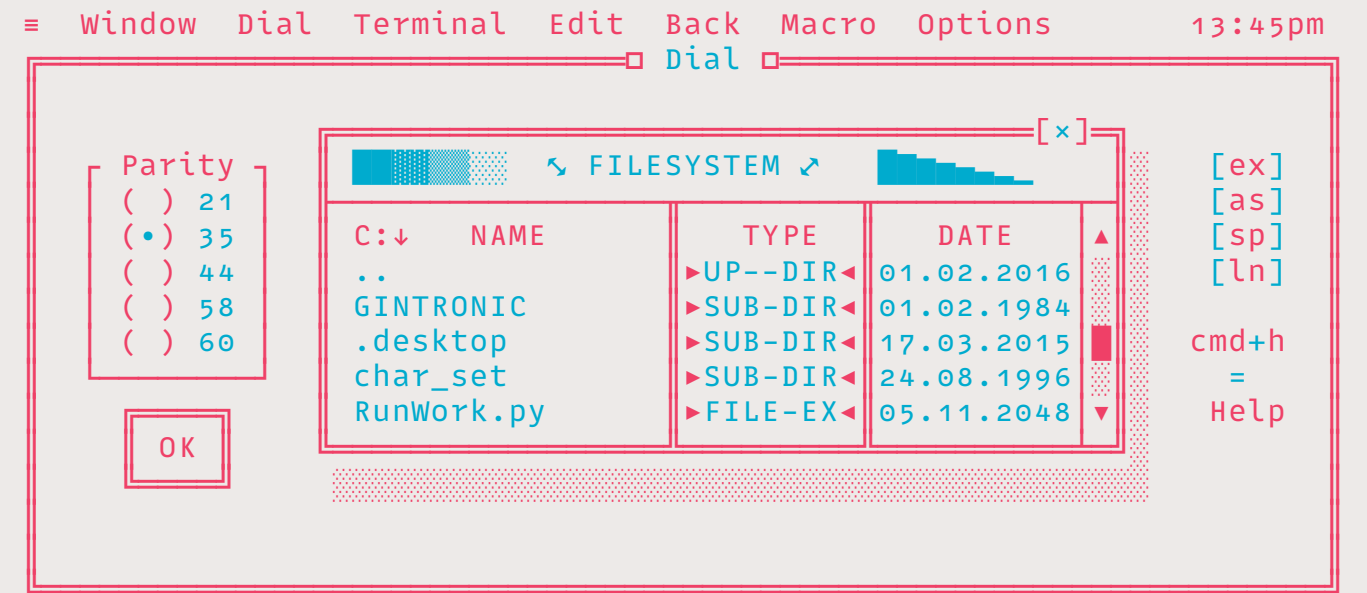
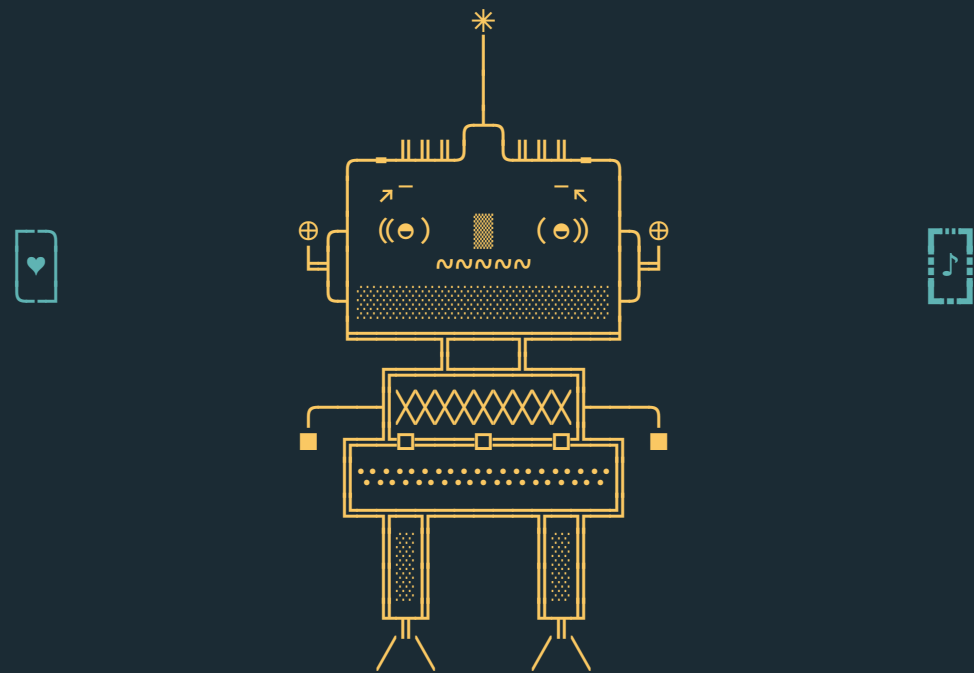
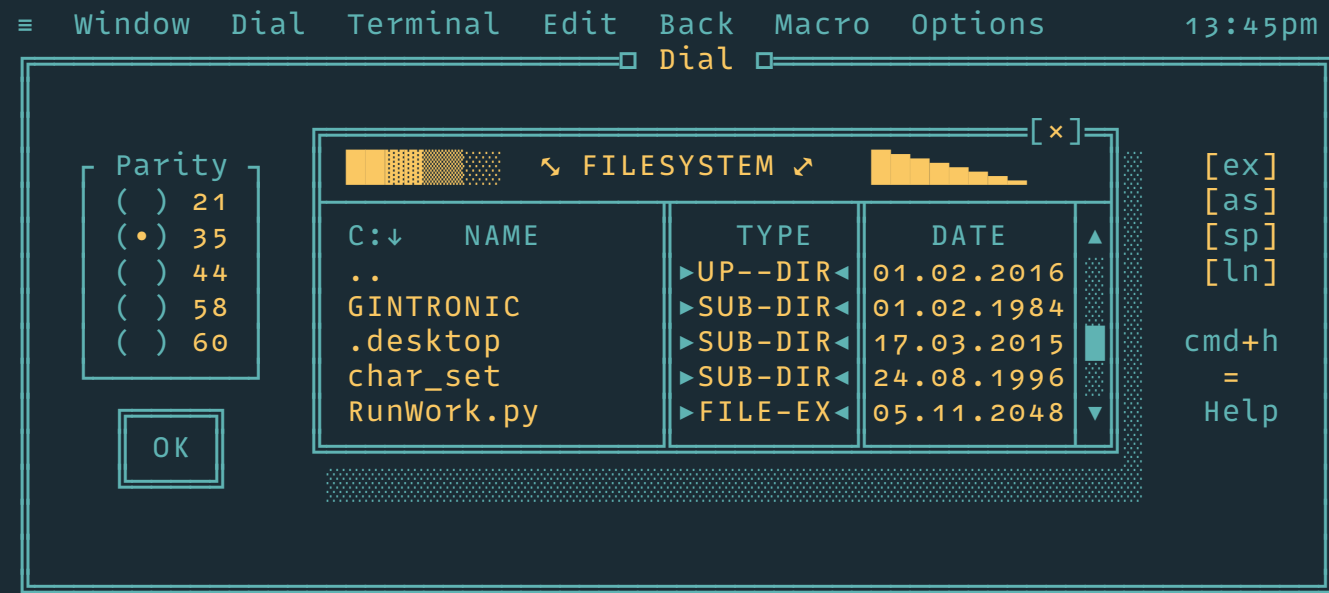
Ah, Mister ... you remember me. I am Taka. your gardener. For long time I not see you. I pleased to see you.

Taka reaches out his hand and Adam shakes it.

ADAM

Hello Taka. It's 'cause I'm never home in the day time. It's good to see you again. The garden looks great.

Taka bows, smiling and nodding, and goes back to work. Adam heads toward the front door of his house.



```

/usr/local/bin/cordova -> /usr/local/lib
/usr/local/lib
cordova@6.2.0
  cordova-common@1.3.0
  elementtree@0.1.6
  sax@0.3.5
  glob@5.0.15
  inherits@2.0.1
cordova-lib@6.2.0
  altasify@1.9.0
  browserify-transform-tools@1.5.3
  falafel@1.2.0
cordova-fetch@1.0.0
  shelljs@0.7.0
  glob@7.0.3
cordova-js@4.1.4
  browserify@10.1.3
  assert@1.3.0
  browser-pack@4.0.4
  combine-source-map@0.3.0
  convert-source-map@0.3.5
  through2@0.5.1
    readable-stream@1.0.34
  xtend@3.0.0
  browserify-zlib@0.1.4
  pakod@2.8
  builtin@0.7
  commandir@0.0.1
  concat-stream@1.4.10
  typedarray@0.0.6
  console-browserify@1.1.0
  date-now@1.1.4
  constants-browserify@0.0.1
  crypto-browserify@3.11.0
  browserify-cipher@1.0.0
    browserify-aes@1.0.6
    browserify-des@1.0.0
    des.js@1.0.0
    evp_bytestokey@1.0.0
  browserify-sign@0.0.0
    elliptic@6.3.1
    hash.js@1.0.3
    parse-asn1@0.0.0
    asn1.js@4.6.2
  create-ecdh@4.0.0
  create-hash@1.1.2
    cipher-base@1.0.2
  create-hmac@1.1.4
    pbkdf2@3.0.4
    public-encrypt@4.0.0
  deps-sort@1.3.9
  duplex@2.0.0.2
  events@1.0.2
  glob@7.2.3
  http-browserify@1.7.0
    base64@0.2.1
  insert-module-globals@6.6.3
  isarray@0.0.1
  labeled-stream-splicer@1.0.2
    stream-splicer@1.3.2
  module-deps@3.9.1
    stream-combiner2@1.0.2
    through2@0.5.1
    readable-stream@1.0.34
    xtend@3.0.0
  os-browserify@0.1.2
  path-browserify@0.0.0
  read-only-stream@1.1.1
  readable-wrap@1.0.0
  readable-stream@1.1.14
  shallow-copy@0.0.1
  shasum@1.0.2
    json-stable-stringify@0.0.1
    jsonify@0.0.0
    sha.js@2.4.5
  shell-quote@0.0.1
  stream-browserify@1.0.0
  string_decoder@0.10.31
  through2@1.1.1
  tty-browserify@0.0.0
  util@0.10.3
  vm-browserify@0.0.4
    indexof@0.0.1
cordova-serve@1.0.0
  express@4.13.4
    send@0.13.1
    http-errors@1.3.1
    serve-static@1.10.3
    send@0.13.2
  dep-graph@1.1.0
  underscore@1.2.1
  init-package-json@1.9.4
  glob@6.0.4
  read-package-json@2.0.4
  glob@6.0.4
  validate-npm-package-name@2.2.2
npm@2.15.6
  block-stream@0.0.9
  glob@7.0.3
  inherits@2.0.1
  init-package-json@1.9.3
  glob@6.0.4
  mkdirp@0.5.1
  minimist@0.0.8
  node-gyp@3.1.1
  glob@4.5.3
  npm-registry-client@1.0.0
  concat-stream@1.5.1
    readable-stream@2.0.5
  isarray@0.0.1
  string_decoder@0.10.31
  typedarray@0.0.6
  read-package-json@2.0.4
  glob@6.0.4
  readable-stream@2.1.2

```



