

Guide: how to use the «Change info» field and make your level even better!

1. Level settings

You can change level`s song, hint, song name and artist.

Look at everything between words «properties» and «lasers»:

```
{"width": 24,  
"height": 14,  
"artist": "",  
"name": "",  
"hint": "",  
"song": ""},  
...
```

These are level settings.

Width & Height

Don't touch that!

Artist & Name

Artist is the name of author of the song that you will use. For example, «DJ-Nate» or «Bossfight». Name is the name of the song.

For example, I want to use «Plesco — Unlocked». I need to fill that this way:

```
{"width": 24,  
"height": 14,  
"artist": "Plesco",  
"name": "Unlocked",  
"hint": "",  
"song": ""},  
...
```


Note: if you want to add " symbol, use \". If you want to add \ symbol, use \\.

Hint

If you want to tell the player a thing, use this field. For example:

```
{"width": 24,  
"height": 14,  
"artist": "Plesco",  
"name": "Unlocked",  
"hint": "Pretty hard level!",  
"song": ""},  
...
```

It will display on the screen next to the song credits.



Plesco - Unlocked / Pretty hard level!

Note: if there` s no hint, only song credits will be displayed.

This can be useful for tutorial levels.

Song

Oh, something interesting! «How do I put a song into a text field?» Pretty easy! You should use...

Song URL/URI

You can get the song from a cloud using URL. Here`s an example:

```
{"width": 24,  
"height": 14,  
"artist": "Plesco",  
"name": "Unlocked",  
"hint": "Pretty hard level!",  
"song": "https://r1---sn-gvnuxaxjvh-
```

[3gg6.googlevideo.com/videoplayback?](https://r1---sn-gvnuxaxjvh-3gg6.googlevideo.com/videoplayback?expire=1600957131&ei=a1ZsX63lCoPegAeltLIBw&ip=2a0f%3A3d80%3A6ce4%3A649b%3A89d9%3A3a58%3Ad3c2%3Aa6e&id=o-AOfL4xOHbVy34tOescAOj73BaF3sMlEHc5OCOWRkNO1K&it)

[expire=1600957131&ei=a1ZsX63lCoPegAeltLIBw&ip=2a0f%3A3d80%3A6ce4%3A649b](https://r1---sn-gvnuxaxjvh-3gg6.googlevideo.com/videoplayback?expire=1600957131&ei=a1ZsX63lCoPegAeltLIBw&ip=2a0f%3A3d80%3A6ce4%3A649b%3A89d9%3A3a58%3Ad3c2%3Aa6e&id=o-AOfL4xOHbVy34tOescAOj73BaF3sMlEHc5OCOWRkNO1K&it)

[%3A89d9%3A3a58%3Ad3c2%3Aa6e&id=o-](https://r1---sn-gvnuxaxjvh-3gg6.googlevideo.com/videoplayback?expire=1600957131&ei=a1ZsX63lCoPegAeltLIBw&ip=2a0f%3A3d80%3A6ce4%3A649b%3A89d9%3A3a58%3Ad3c2%3Aa6e&id=o-AOfL4xOHbVy34tOescAOj73BaF3sMlEHc5OCOWRkNO1K&it)

[AOfL4xOHbVy34tOescAOj73BaF3sMlEHc5OCOWRkNO1K&it](https://r1---sn-gvnuxaxjvh-3gg6.googlevideo.com/videoplayback?expire=1600957131&ei=a1ZsX63lCoPegAeltLIBw&ip=2a0f%3A3d80%3A6ce4%3A649b%3A89d9%3A3a58%3Ad3c2%3Aa6e&id=o-AOfL4xOHbVy34tOescAOj73BaF3sMlEHc5OCOWRkNO1K&it)

ag=140&source=youtube&requiressl=yes&vprv=1&mime=audio
%2Fmp4&gir=yes&clen=3616454&dur=227.648&lmt=15343
21058531650&fvip=6&keepalive=yes&fexp=23915654&c=W
EB&sparams=expire%2Cei%2Cip%2Cid%2Citag%2Csource
%2Crequiressl%2Cvprv%2Cmime%2Cgir%2Cclen%2Cdur
%2Clmt&sig=AOq0QJ8wRglhAMGpwl1TyFJEP7gTKT0ZZrUn
XHimMnTlvFB3YTKgji7SAiEAo5Mh_LNZxYiv2qAaFN5KRzftS
w9CTOHZVf66a2cuVAE
%3D&ratebypass=yes&redirect_counter=1&rm=s-
5hnel67e&req_id=40ea3166d4a1a3ee&cms_redirect=yes&i
pbyypass=yes&mh=U-&mip=5.138.209.22&mm=31&mn=s-
gvnuxaxjvh-
3gg6&ms=au&mt=1600935297&mv=u&mvi=1&pl=17&lspar
ams=ipbypass,mh,mip,mm,mn,ms,mv,mvi,pl&lsig=AG3C_x
AwRglhANupfriQ5QWIfkiEok9smx62EQkp5KDTJEvagNbU9
OeGAiEAzxmAYpnYmOyV-LHkptbXUMQeTK5-
hlrpBnL2PtiemH4%3D"}},

...

So, it works! I reccomend you this service:

<https://www.youtube2video.com/>

(to use audios from YT)

But there`s another way! It`s data: URIs. These are even longer, but loads faster. I don`t want to provide an example, but you can use

<https://dopiaza.org/tools/datauri/index.php>. It converts audio to data URIs. Paste them as shown above.

2. Lasers field.

It looks like:

```
...  
"lasers": [],  
...
```

This is called «array». An array can contain multiple elements. Here`s the scheme:

```
[a, b, c]
```

BUT! It can contain arrays as well! Scheme:

```
[[a, b, c], [a, b, c]]
```

So we will use it to add some lasers and describe them.

1. Position (X and Y).

X: it can be from 0 to 23. Yeah, we are counting from zero.

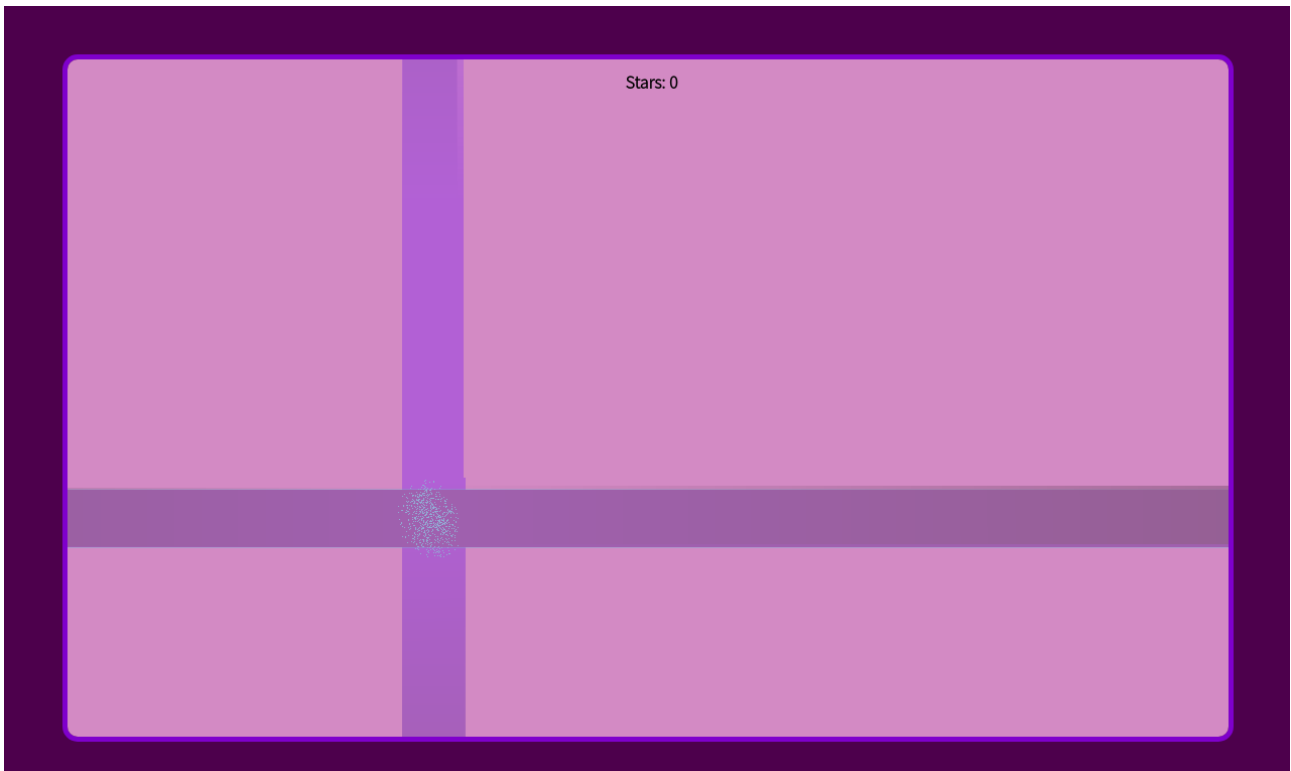
Y: it can be from 0 to 13.

Example:

```
...  
"lasers": [[7, 9, ?, ?, ?, ?]],  
...
```

It will be placed at X 8 and Y 10.

Screenshot:



2. Repeat?

This tells laser loader will it repeat. It can take one of two values:

false - it will shoot once.

true – it will shoot multiple times.

For example:

```
...  
"lasers": [[7, 9, true, ?, ?, ?]],  
...
```

And...it is not stopping!

3. Delay (ms)

This tells laser loader how long should it wait to shoot.

Note: write IN MILLISECONDS! The number should be divisible by 50.

```
...  
"lasers": [[7, 9, true, 5000, ?, ?]],  
...
```

It shoots every 5 seconds.

4. Mode

Mode to display laser.

Can take 4 values.

1. «HO» - horizontal.
2. «VE» - vertical.
3. «SI» - single cell.
4. «BO» - horizontal and vertical.

```
...  
"lasers": [[7, 9, true, 5000, "BO", ?]],  
...
```

Makes a laser as shown at the screenshot above.

5. Sound?

Tells laser loader, should it play the laser sound.

As «Repeat?», takes one of two values.

false - it will be still.

true – it will make a sound.

```
...  
"lasers": [[7, 9, true, 5000, "BO", true]],  
...
```

...

Pew! Pew!

Add multiple lasers

...

```
"lasers": [[7, 9, true, 5000, "B0", true],  
[3, 11, false, 12000, "SI", true], [14, 0,  
true, 11000, "H0", false]],
```

...

Custom blocks

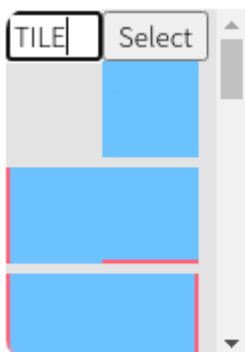
The scheme is similar to «lasers».

Arrays in arrays.

```
[[a, b, c], [a, b, c]]
```

1. Block ID

ID of the block/tile that you'll use to select it.



```
[["TILE", "?", "?", "?]]
```

Then select it:

It will look like:

C

2. Has a collision?

Will the tile/block have a collision?

Can player go through it?

false – it has no collision.

true – it has a collision (player can't go through it).

```
[["TILE", false, ?, ?]]
```

3. Kills the player?

Will it destroy the player like spikes, saws or lasers?

false – no, it's safe.

true – AAH DEATH IS COMING!!!

Example:

```
[["TILE", false, true, ?]]
```

**Note: If it destroys the player, it should have no collision.
Remember!**

4. Image.

As with audio, you should use URL/URI.

You can use <https://dopiaza.org/tools/datauri/index.php> to generate data: URIs. Or you can upload images to a server (like Gdrive or MEGA) and copy the URL.

So we got this:

```
[[ "TILE", false, true,
  "data:image/png;base64,iVBORw0KGgoAAAANSUHEU
  gAAADAAAAAwCAYAAABXAvmHAAAACXBIWXMAAA7EAAAOx
  AGVKw4bAAABPk1EQVRoge2Y3w2CMBDGD+ME0IB90AV0A
  LuZuIfD1AF0AX04BpAV9IHWILaG2tpL8X4JIeHv993XE
  noFVNUdMmZGLSAUNkANG6Bm7johStHtF8tUWpzgrQFs0
  XpuwgnoySVVLpkYFwrq6SbABqhxzgEXeFbd/
  lTH1gJiuw0xkV73/GECuvLqeIguRsI+cQJ3vRGS/
  RAKM1DojTAF7znwghFeWI4Nj/+I7IdQWAK2Cieoep/
  sE2AD1LAbARi34P0ZFdtuiS1hH12MebYPf5iA/t31/
  e39FdknwAaocc4BvDUA0DWVbIhSgCjJtB1N0wrb5qMWG
  xN04FkVdFxRg1y/f7dNU/gTw2eqy/ctmqD1QP/
  Fpoc6Zlhh10Gi+0x3CPmirrqI1ZksaoPENGAiAa4MWQ
  /
  hNgANWyAGjZATfYGHm2ASavRCccxAAAAAE1FTkSuQmCC
  " ] ]
```

Multiple custom blocks

Just an example:

```
[[ "TILE", false, true,
  "data:image/png;base64,iVBORw0KGgoAAAANSUHEU" ] ]
```

gAAADAAAAAwCAYAAABXAvmHAAAACXBIWXMAAA7EAAAOx
AGVKw4bAAABPk1EQVRoge2Y3w2CMBDGD+ME0IB90AV0A
LuZuIfD1AF0AX04BpAV9IHWILaG2tpL8X4JIeHv993XE
noFVNUdMmZGLSAUNkANG6Bm7johStHtF8tUWpzgrQFs0
XpuwgnoySVVLpkYFwrq6SbABqhxzgEXeFbd/
lTH1gJiuw0xkV73/GECuvLqeIguRsI+cQJ3vRGS/
RAKM1DojTAF7znwghFeWI4Nj/+I7IdQWAK2Cieoep/
sE2AD1LABarI34P0ZFdtuiSlhH12MebYPf5iA/t31/
e39FdknwAaocc4BvDUA0DWVbIhSgCjJtB1N0wrb5qMWG
xN04FkVdFxRg1y/f7dNU/gTw2eqy/ctmqD1QP/
Fpoc6Zlhh10Gi+0x3CPmirrqiI1ZksaoPENGAIaa4MWQ
/
hNgANWyAGjZATfYGHm2ASavRCccxAAAAAE1FTkSuQmCC
"], ["TIL2", true, false,
"data:image/png;base64,iVBORw0KGgoAAAANSUHEU
gAAADAAAAAwCAYAAABXAvmHAAAACXBIWXMAAA7EAAAOx
AGVKw4bAAAFu01EQVRogdWaS2wbRRjHf/
vy2mFNFAfXm1IT19CQqL21XNIDp5T0whWSBtTcikCluS
A40VsrgUp5c4uEcFLKvSrpiUNzAnEB1YqmcenDXkV1BF
7UrHe9yyF24mn9yM0Jw18ayTPf7M7/2/nmP2N9A/
9zSM06TE9PDwAfGIbxiqZpXbqua7IsN31uM/
B9P3Acx3Vdd8m27R+Bc2NjY380eqYukampqQPRaHqMfo
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Wp6UA6nT6dSCQuqqoq+b7P4uIiDx8+XLZtHMehVCptC2
FFUdB1HcMw607uJh6PI8synucFlmWd0XHixGdNHbh06d
JXiUTiLUmSyGazLCwsUCwWt4VwM4RCIfbv309PTw9BEJ
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eT4Mg40bNm1iWtb0M68A0Tfr7+wF480DB6fHx8c8rt1U
HpqamDiSTyZuqqko3btzYNeQrME2TgYEBXNcN7t2792J
lTayuzmg00q0qqpTNZncdeYBcLkc2m0XTNCKajU5X2mV
YkcpYLHbY930WFhbax7IJMpkMvu8Ti8W01OUdtWz7QJZ
lLMsisrjIq9eu0ZvJYNh2G+muwTYM7qRSzA4Ps7i4SCK
RQFGU94GTKoBhGK8A0Lduceqbbwg/etRwwo/DsG00/
vYbfffPz/
PDMM5BIEA6HR6AcQppqmdQG8dPnyE+S1GqWVqPX+em0EH

z3ipcuXAdB1vQvKIaTrugawb34e0oFhIAXSx/
UHDc62xgHqvKfiRHAWsIEMcA323b6NBRYCIQ3KD1T0Nt
LTAbwBRFpEr1UwgENAH0jfBcAaZ+GQ4x1Xd5z8hmYyAt
6IIjSpQmWftxZCvdSdXgA+3MDAzdBsHBu4A8yC+qwnmA
UH6AR0AeGVahC0j0LWYAAHgT7ga3GJiyF0TF01vxvwxA
cMg3dMDCHBAAbXX4y/
gdaCH+hLX6kJQu1TsPWV0d8scBc7V1bsSDAFLzT/
OjiIHfA/
MAnNSgxCa9NRdR74aS8Ck1yCErqse8BxwCchSd25rzfN
6+m66ZMucksypDULIJwnMAV0b+jJNUZn2TcuaCbwGHMP
nqGARF7H3CdtGviXoQvEuCC2ijKpH2bAMVRNtdirbrEx
VyZCnDgmvFDeyu/
IWZUhiJWYrv6uxhV2xSoakuUb7wKS3CfKPE6v16Vu0pS
+BMikuYjGERqsb1aByqU8wKFtbo0Hgzy1BI9SS/
uY1qJETW8WaBsFRX7QJM/CJ6rVag1qKLuCC0mAf00qp/
M1fXOM97vATNrmd5FcXBia9vMwxPmLIi/
Fr1U1ww0Yu3zLE8i47UNjk+J3vmWeWN6U5wSaE0BV1ct
eRr8YyS1xRJoU2YQbue9ehsx0Gh6G3FwwDPG+t1Epi/
fGyVXutPr4vHEHue308UM+BoDMK4+PQ0bHWqGkrpV349
19YWIDZWfjnHwJZVDSZVjIjABw/
LpLfDXjqKTh0CE6dgs50pFQKW00sAji040YikZCUTG6j
mm8RHR0wMoL+/
PMAFI tFF8oz4LruEoDup1TSujEwwNPJJAC04yx B2YFyQ
g3DMNrGbV2QJLq7uwFYX16+Cmsyes73fQYHB9tFbV1QF
IV4PI7v+5RKpfNQdmBsb0yPfd7/
SyQSoa+vr70sGyCVSiHLMv18/
udK+nU16AuFwqjneUEymcQ0zfaxrIN4PE4ymcR13aBQK
IxV21cdmJiY+N0yrDNBENDf37+rnDBNk8HBQXzfx7Ksd
6tzxk/
8YZ2ZmfncNM23K2nWTCaD4zg7y7gMXddJpVL09PRUyDd
Os1aQTqdP79mz56KmaUKiu1AoUCwwtzXRHQqFiEajQqL
bdd3Asqx3q90rDR2A1asG07FY7Eibrxr8bNv26ydPnpy
v1Wdd1z0URXk/
HA6P6LreFQqFtvWyR7FYdB3HWVpeXr5aKpX0N7vs8b/
Hf7QDi1pmmynmAAAAAE1FTkSuQmCC"]]

Oh, that`s huge.

Ok. This is the end.

Why are you still here?
GO AWAY