

GURPS 4th Edition Game Aid for Foundry VTT (Unofficial)

“Your GURPS. Your way.”

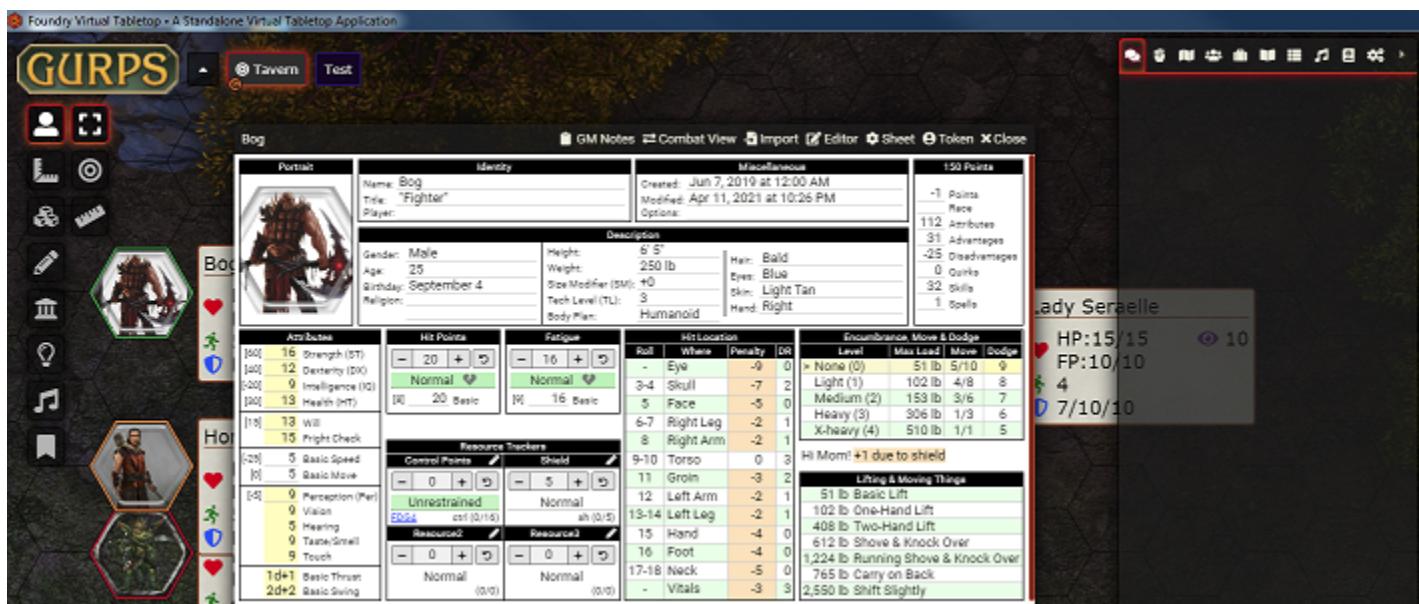
Author's note

After 5 months of discussions with Steve Jackson Games, we are now legally allowed to call ourselves “(Unofficial)”!

I am in the process of updating the Users Guide. Please bear with me. We just became legal and are appearing on the Foundry website and game browser again.

FYI, the Users Guide will never be completely in sync with the release. ;-) I have always felt that it is more important to get the new features out there, than it is to document the old ones. However, I do my best to keep adding to this document every chance I get. I try to make a release video for each release, describing the new features. If it isn't documented, you can check there: [Release/Features videos for the GURPS Game Aid](#)

Chris 5/4/21



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Links

If you have questions, join our Discord channel, GURPS #vtt-foundry: <https://discord.gg/6xJBcYWyED> or the #gurps channel on Foundry.

If you have game issues or suggestions for new features visit our GitHub page:
<https://github.com/crnormand/gurps/issues>

ZIP file containing export scripts (required for GCA users):

https://drive.google.com/file/d/1vbDb9WtYQiZI78Pwa_TlEvYpJnR_S67B/view?usp=sharing

Videos

Getting Started video: <https://youtu.be/FUqtOkdyBCo>

Players Guide: https://youtu.be/x-xD39x_JQw

How to create NPCs: <https://www.youtube.com/watch?v=3Dyfjh0peLI>

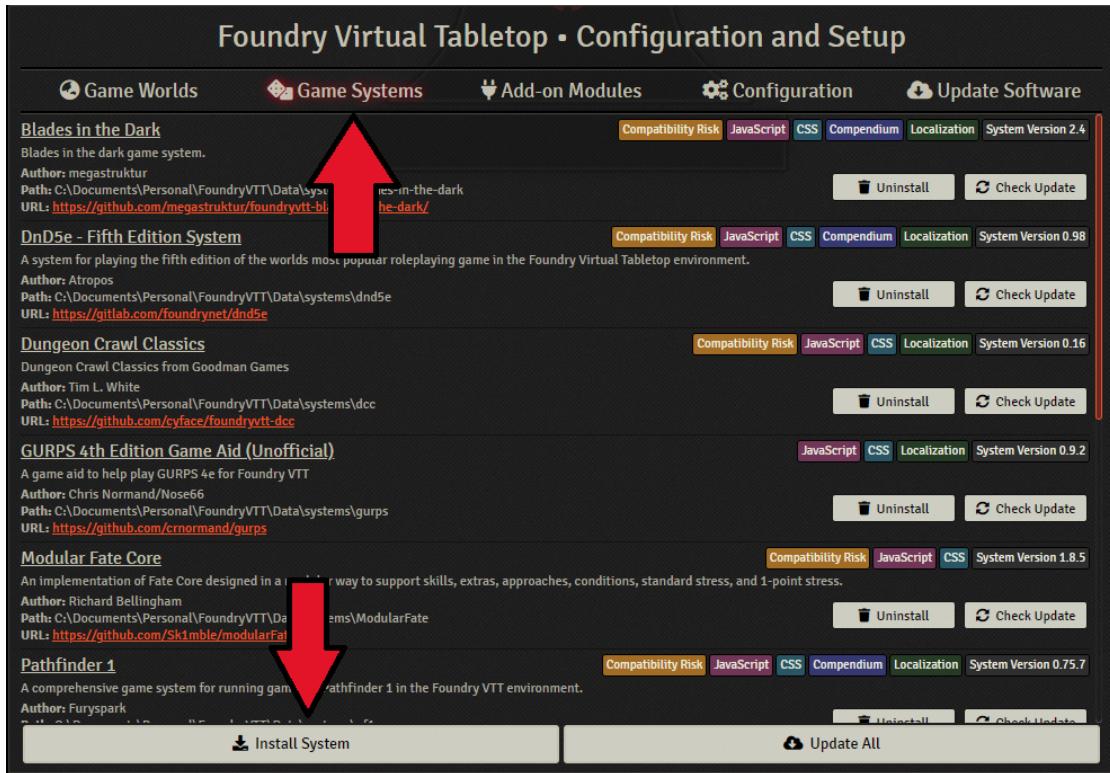
How to use On-the-Fly formulas: <https://www.youtube.com/watch?v=jSSfs2Red0A>

How to apply damage: <https://www.youtube.com/watch?v=6eaCyacs4N0>

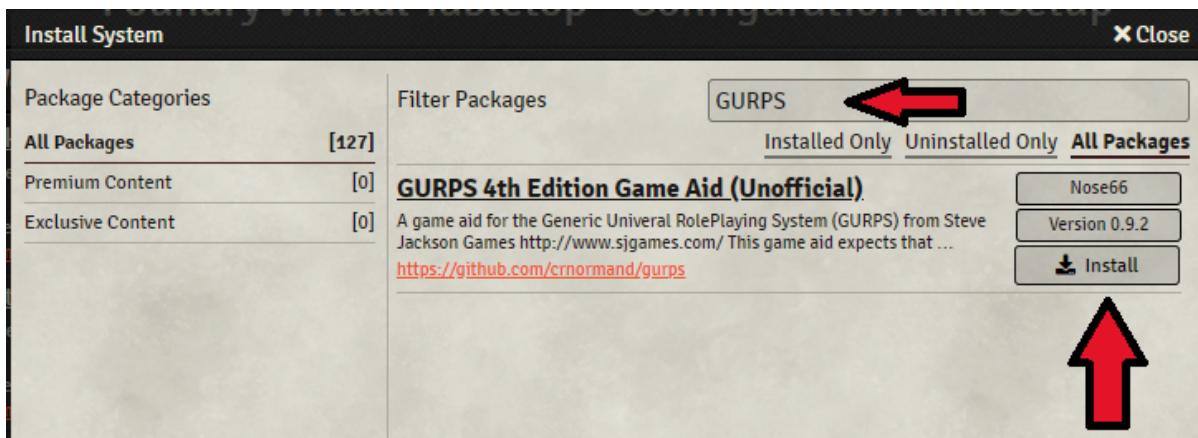
Playlist of [Release/Features videos for the GURPS Game Aid](#)

Installing the Game Aid

Our Game Aid can now be legally installed from the Foundry browser (as of 5/4/2021). Open Foundry and click on the “Game Systems” tab, and then the “Install System” button:



In the “Filter Packages” input field, type “GURPS”, and you will see our Game Aid:



Click the “Install” button and you are good to go! You will be notified if we release newer versions, and you can automatically upgrade from the “Game Systems” tab, without having to reinstall.

Getting started

This game system expects that you will create and maintain your characters in an external program such as GURPS Character Sheet (GCS) <https://gurpscharactersheet.com> or GURPS Character Assistant (GCA) <http://www.sjgames.com/gurps/characterassistant/>.

The game system has some editing functions, but due to the complexity of GURPS, it will leave all of the complex character creation rules to the applications that have been developed (for years!) specifically to handle them.

To use your characters into Foundry, it is best if you first create them in GCS or GCA, and then export them to Foundry.

Export from GCS

As of the GCS Master Library update to v2.11 (March 10, 2021), you can export from GCS using the Foundry VTT export in the Master Library. **You do not need to download and install the output template.**

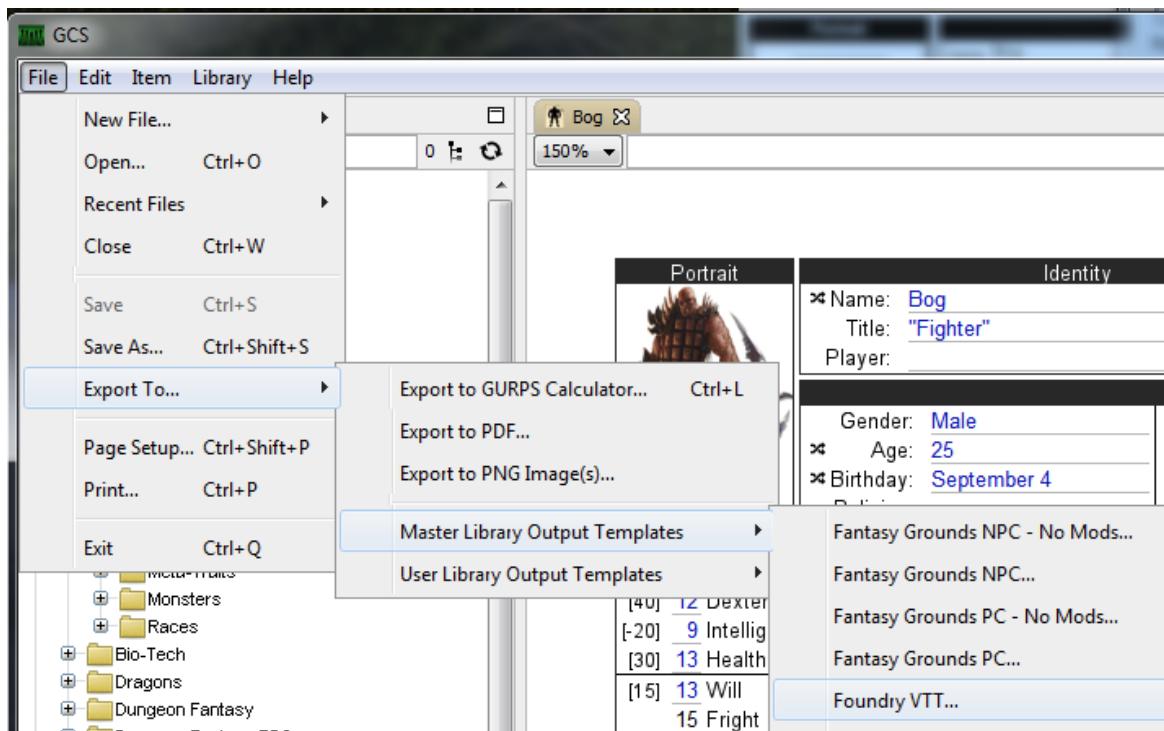
NOTE: This script was updated 3/8/2021. Version GCS-5

The export script is: <FoundryDataDirectory>/Data/systems/gurps/exportutils/Foundry VTT.xml

~~The file is also included in this [ZIP file](#).~~

~~Copy this file into your GCS data directory (on Windows, it is C:\users\<username>\GCS\). Navigate to the “User Library” directory, create the new directory “Output Templates”, and place it there.~~

To export your character from GCS, load your character, select the menu options: “File” -> “Export To...” -> “Master Library Output Templates”, and then select “Foundry VTT”.



The file will be saved with the “.xml” extension. You can save the file anywhere, but check out [Special Export Location](#) for an added feature.

NOTE: The Fantasy Grounds XML export is no longer supported. Please use the Foundry VTT output template.

Export from GCA

To export from GCA, you must copy the export script from your Foundry data directory (or our online ZIP file) to the GCA “sheets” directory.

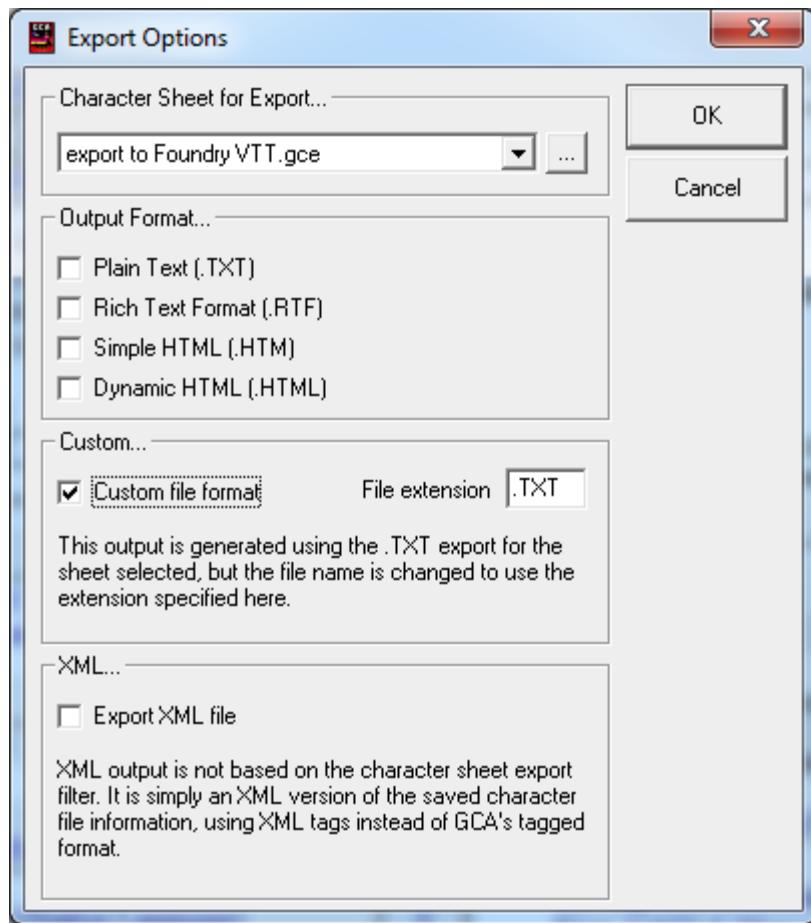
The export script is: <FoundryDataDirectory>/Data/systems/gurps/exportutils/export to Foundry VTT.gce

The file is also included in this [ZIP file](#).

NOTE: This script was updated 2/18/2021. Version: GCA-7

Copy the export script into your GCA “sheets” directory.

Load the character, and select the menu options “File” -> “Export”. In the “Export Options” dialog, select “export to Foundry VTT.gce” in the pulldown, and check the “Custom file format” box.



NOTE: You DO NOT need to change the File extension. You may leave it as ".TXT".

Press "OK" and the "Export File To..." dialog will appear. Just press "Save", and it will save the export right next to your character. For example, if the character file is named:

Franklin Dunne (Cowboy).gca4

The export will be named:

Franklin Dunne (Cowboy).gca4.TXT

You can save the file anywhere, but check out [Special Export Location](#) for an added feature.

NOTE: The Fantasy Grounds XML export is no longer supported. Please use the new "export to Foundry VTT.gce" script.

Special Export Location

Our Game Aid has the ability to re-import characters without prompting for the file name if they are saved in a "Special" location.

Inside the Foundry Data directory, you will see the subdirectories "modules", "systems" and "worlds" (there could be more). Create a new directory to store characters, and under that, you can create subdirectories for each of your worlds.

For example, you could create the subdirectory “characters” and under it, you create “homegame” and “tuesdays”.

When you export a character from GCA or GCS, export it into the appropriate subdirectory (<FoundryDirectory>/Data/characters/homegame or <FoundryDirectory>/Data/character/tuesdays)

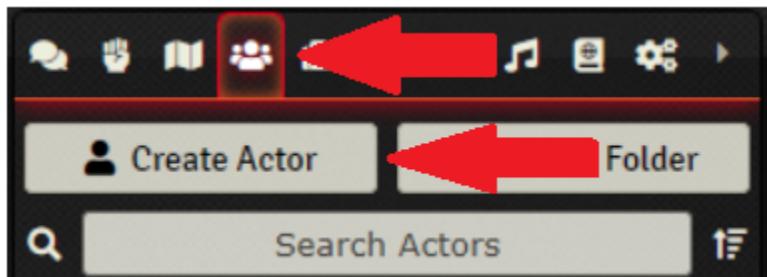
After your initial import of the character (which will ask for a file location), the Game Aid will be able to detect that the file is in a well known (and safe) location, and can re-import it without bringing up the file dialog.

Importing into Foundry

Now that you have exported your characters, you must create a new Actor. Start Foundry and open your world. If you do not have a world yet, click on the “Game Worlds” tab, and then click the “Create World” button at the bottom. Give your world a title and data path name (which should not have spaces). Select the “GURPS 4th Edition Game Aid (Unofficial)” game system and press the “Create World” button at the bottom.

The import system does NOT create Actors. It only refreshes already created Actors. This was done on purpose.

Open the Actors tab on the side bar (top right of your screen) and click on “Create Actor”:

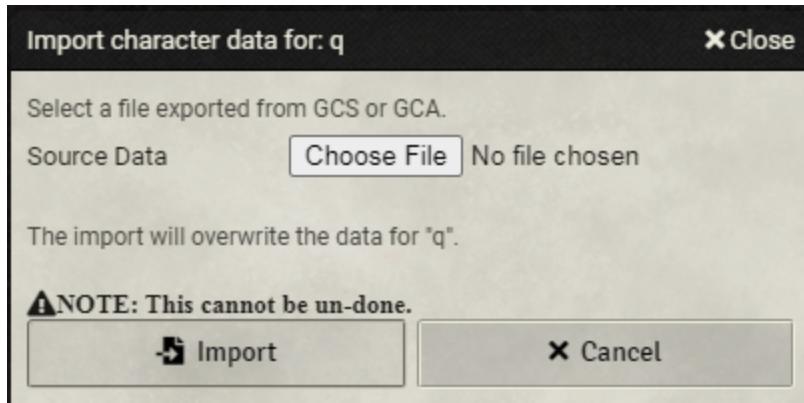


Give the actor a name. It doesn't matter what you choose, since it will be overwritten by the import process. For this example, we will name it “q”.

The default character sheet will open. Press the “Import” button in the title bar.



A dialog will appear:



Select the file exported from GCS or GCA and press **Import**. GCA users, the file does NOT need to end in “.xml”. If you followed the procedure above, it should end in “.TXT”.

NOTE: You will lose all of the data stored in “q”. Which is fine, we are more interested in the data from GCS or GCA.

In fact, you can re-import as many times as you like. The game system will keep the same Actor object, so it will remain associated with the same tokens.

This is the normal process. Create and maintain your characters in GCA/GCS and then re-export and import into Foundry everytime the character changes.

And if you saved your exported characters in the [Special Export Location](#), the Game Aid won't need to display the “Import character data” dialog on the subsequent imports.

If a character gains an “item”*, the GM should add the “item” in GCA/GCS (so that they can do all of the various calculations) and re-export / import.

*An “item” could be anything, a piece of equipment, a new advantage / disadvantage / skill / spell, etc. Anything that might provide a new feature or change the value of some existing roll.

While our game aid does provide limited editing of the character sheet, it does not do any calculations on the new information. The limited editing is mainly there so that you (or the player) can add [On-the-Fly formulas](#) and take notes.

How to play

Once all of your characters are imported into the system, you can play. We have a [Players Guide](#) video to help you get you started.

Character Sheet

If you are familiar with GCS, then you will recognize the character sheet. [Rich Wilkes](#) gave me permission to use his HTML format, so I did. Shamelessly ;-) If you have not used GCS, I highly recommend it. It is robust, cross platform (Windows, Mac and Linux) and has been in active development for 21+ years.

<https://gurpscharactersheet.com> (and no, I am not getting paid for this promotion, I just really like it)

Bog

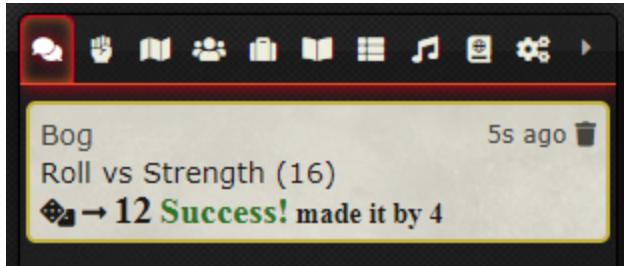
Combat View Import Editor Sheet Prototype Token Close

Portrait		Identity		Miscellaneous		150 Points							
		Name: Bog Title: "Fighter" Player:		Created: Jun 7, 2019 at 12:00 AM Modified: Jan 5, 2021 at 5:16 PM Options:		0 Unspent Race 112 Attributes 31 Advantages -25 Disadvantages 0 Quirks 32 Skills 0 Spells							
Description													
Gender: Male	Height: 6' 5"	Age: 25	Weight: 250 lb	Size: +0	TL: 3	Hair: Bald	Eyes: Blue						
Birthday: September 4	Body Plan: Humanoid	Religion:				Skin: Light Tan	Hand: Right						
Attributes		Hit Points		Fatigue		Hit Location							
[60] 16 Strength (ST)	[40] 12 Dexterity (DX)	- 8 + ↗ Normal		- 16 + ↗ Normal		Roll Where Penalty DR							
[+20] 9 Intelligence (IQ)	[30] 13 Health (HT)	[8] 20 Basic		[9] 16 Basic		-							
[15] 13 Will						Eye -9 0							
	15 Fright Check					Skull -7 2							
[+25] 5 Basic Speed						Face -5 0							
[0] 5 Basic Move						Right Leg -2 0							
[+5] 9 Perception (Per)						Right Arm -2 0							
9 Vision						Torso 0 3							
5 Hearing						Groin -3 0							
9 Taste & Smell						Left Arm -2 0							
9 Touch						Left Leg -2 0							
1d+1 Basic Thrust						Hand -4 0							
2d+2 Basic Swing						Foot -4 0							
Resource Trackers													
Magic Beans		Resource 1		Resource 2		Resource 3							
- 12 + ↗ Normal (0/20)		- 0 + ↗ Normal (0/0)		- 0 + ↗ Normal (0/0)		Level Max Load Move Dodge							
Encumbrance, Move & Dodge													
Lifting & Moving Things													
Melee Weapons													
2 Handed Great Axe													
+2 Mighty Blow *Costs 1 FP													
Balanced Throwing Axe													
Ranged Weapons													
Balanced Throwing Axe													
Advantages, Disadvantages, Perks & Quirks				Pts	Ref	Skills							
Bloodlust				-5	Lite 10	SL RSL Pts Ref							
Combat Reflexes				15	Lite 8	Armoury/TL3 9 IQ+0 2 Lite 14							
+6 on all IQ rolls to wake up or recover from surprise/mental stun						Axe/Mace 12 DX+0 2 Lite 15							
Hard of Hearing				-10	Lite 11	Brawling 14 DX+2 4 Lite 14							
[S:First Aid*] S:Brawl* S:Axe/Mace						Carousing 13 HT+0 1 Lite 14							
High Pain Threshold				10	Lite 9	First Aid/TL3 10 IQ+1 2 Lite 14							
Never suffer shock penalties when injured; HT+3 to avoid knockdown and stunning; HT+3 to resist torture						1d-3! Healing 13 Will+0 2 Lite 15							
Language: Common				0	Lite 7	Intimidation 13 Professional Skill (Blacksmith) 12 DX+0 2 B215							
Odious Personal Habit				-10	Lite 7	Throwing 11 DX-1 1 Lite 17							
Smell, Especially bad when [Carous*-2 Smells bad]						Thrown Weapon (Axe/Mace) 14 DX+2 2 Lite 17							
Resistant to disease and poison				6	Lite 10	Two-Handed Axe/Mace 15 DX+3 12 Lite 15							
						Wrestling 12 DX+0 2 B229							

You will notice that many items are highlighted in yellow. If you hover your mouse over them, they will change to look like a button:

Attributes	
[60] 16	Strength (ST)
[40] 12	Dexterity (DX)
[+20] 9	Intelligence (IQ)
[30] 13	Health (HT)

Left click on the button to "roll" that attribute. You will see a message in the chat log indicating the outcome:



You can roll Attributes, Dodge values, Weapon attacks (Lvl), Parry, Damage, Skills (SL), etc., anything yellow that looks like a button when you hover over it.

Modifier Bucket

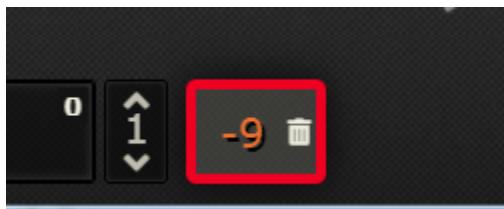
You will also notice a few things highlighted in orange. If you hover your mouse over them, they will also change to look like a button:

Hit Location			
Roll	Where	Penalty	DR
-	Eye	-9	0
3-4	Skull	-7	3
5	Face	-5	1
6-7	Right Leg	-2	3

Left click to add the modifier to the next roll that you do. If you have played GURPS before, you know that the usual process is to determine all of the modifiers to your action (e.g. is it dark? are you standing on a slippery surface? have you been blessed by the gods?) each of which can give a plus(+) or a minus(-) to your next roll.

The Modifier Bucket collects all of those modifiers and sums them up for you.

At the bottom of the screen is the Modifier Bucket:



It is showing the “-9” modifier that you just clicked on. When you hover over the red square at the bottom on the screen you will be presented with the Modifier Bucket Tool Tip:

CURRENT EFFECTS

No active character!

MELEE ATTACK

- +4 to hit (Determined Attack) [B365](#)
- +4 to hit (Telegraphic Attack) [MA113](#)
- 2 to hit (Deceptive Attack) [B369](#)
- 4 to hit (Move and Attack) *Max:9 [B365](#)
- +2 damage (Strong Attack) [B365](#)

Extra Effort

- +2 damage (Mighty Blow) *Cost 1FP [MA131](#)
- +0 Heroic Charge *Cost 1FP [MA131](#)

COMMON MODIFIERS

- Status and Afflictions
- Speed / Range
- Size Modifier
- Hit Locations (if miss by 1, then *)
- Cover and Posture
- Task Difficulty
- Equipment Quality
- Lighting
- Rate of Fire

SEND MODIFIER BUCKET TO:

CHRIS	HARRY	PLAYER 5
PLAYER 6	PLAYER 7	PLAYER 8
PLAYER 9		

EVERYONE!

RANGED

- +1 Aim
- +1 to hit (Determined Attack) [B365](#)

Actions

WILL check to maintain Aim

DEFENSE

- +2 All-Out Defense [B365](#)
- +1 to Dodge (Shield DB) [B374](#)
- +2 to Dodge (Acrobatics, success) [B374](#)
- +3 to Dodge (dodge and drop) [B377](#)
- +3 to Dodge (retreat) [B375](#)
- +1 to Block/Parry (retreat) [B377](#)
- 2 to Dodge (Acrobatics, failed) [B375](#)
- 2 to Dodge (attacked from side) [B390](#)
- 4 to Dodge (attacked from rear) [B391](#)

Extra Effort

- +2 Feverish Defense *Cost 1FP

Actions

WILL -3 Concentration check

CURRENT MODIFIERS

(click to remove)

-9 : to hit Eye

Total: **-9**

OTHER MODIFIERS

+1 +2 +3 +4 +5 -1 -2 -3 -4 -5 +1 GM said so
-1 GM said so +4 GM blessed -4 GM don't try it

Or you can enter a modifier:



You can mouse over any of the highlighted text, and it will turn into a button that you can press. Green and Red buttons will add positive and negative modifiers to the bucket, which is displayed in the bottom left corner ("Current Modifiers").

Since this is a tool tip, it will close automatically once you move your mouse off of it. If you would rather it appear when you click on it (and not when you mouse over it), uncheck the "Show Modifier Tooltip on mouse 'hover'" system setting.

You can remove any current modifiers by clicking on them. You can add commonly used modifiers by selecting them from the pulldown menus. If you don't see a particular modifier that you want, you can always type it into the "Or you can type in a modifier:" field, for example "+2 to hit" or "-2 dazed". The modifier MUST have a plus(+) or minus(-) in front of the number.

If you are the GM, you can send your modifier bucket to another player. This can be useful if a new player does not know all of the modifiers that could affect their roll. The GM can build up their own modifier bucket,

and then click the player name to send it to them. The player's modifier buckets will be whispered to you in the Chat log.

You are done! You can go play now.

That is the basics for using our Game Aid. You really don't need to know more.

The following sections are about advanced features (like "On-the-Fly" formulas or chat commands and macros), or features for the GM (damage calculator).

"On-the-Fly" formulas

This is my favorite feature! If you have played GURPS, then you know it can get very complex (if you let it). To help facilitate this complexity, the character sheet can parse text fields to create actionable buttons.

Huh? Sorry, too much corporate speak. Basically, you can embed text in your character sheet, Journal entries or even chat messages in the form "[something]" and if that *something* is one of the following formats, it will change the text into a button, and you can click it.

If that doesn't interest you, read this testimonial:

"To be honest, at first I didn't value OtF - I couldn't see the potential.

But man, what a game changer it is! Using it for everything, rule look-ups with direct roll options, roll-tables, chat-roll, in character sheets ...

*Just made a brief rule summary for avalanches from DF. Every needed skill roll, with default (and soon alternate attribute based) just a click away. Including from where the avalanche comes, how hard it hits, how to resist... It's so f** great! I now use rules for my party which I would have never ever used before because it would have been too much fuzz to look it up."*

Or watch the How To video: ["On the Fly" formulas \(and why you need to learn about them!\)](#)

NOTE: All of the formats are case sensitive (including Skill, Spell and Attack names).

<i>What to insert into the character sheet, Journal Entry or chat message:</i>	<i>What it will do:</i>
[ST]	Roll against the character's attribute. ST, IQ, DX, HT, WILL (or Will), PER (or Per).
[IQ-2 text] [Will-2 text]	Roll against an attribute, applying the modifier "-2 text" to the roll. NOTE: There is no space between the attribute and the modifier.
[CR: 15 text]	Control Roll vs 15, with optional <i>text</i> displayed in chat. NOTE: GCS automatically adds this as a note for Self Control.
[1d+3 text]	An unopposed roll using the formula $Xd[+/- Y]$, with optional <i>text</i> displayed in chat.
[1d-3! text]	As above, with a minimum result of 1 (instead of 0). EX: [1d-3! Healing]
[2d cut]	If the text following the dice formula is one of the recognized GURPS damage

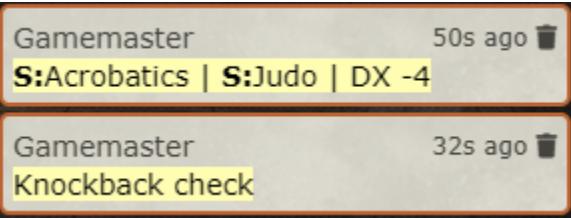
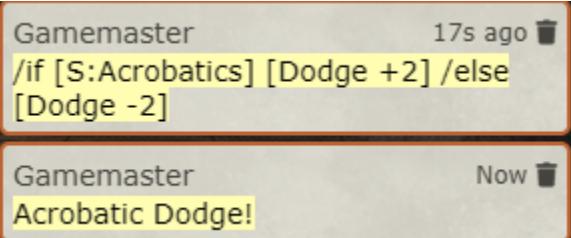
[2d (2) imp] [2dx3 (0.4) cr] [4d*5 burn] [2d-1 burn *Costs 1FP]	types: burn , cor , cr , cut , fat , imp , pi- , pi , pi+ , pi++ , tox (or dmg), then it is considered a "Damage" roll (and displayed as such in the chat). May have a multiplier ($x/X/*$) M and/or an armor divisor (N). May add "*Costs XFP" to incur FP cost of X. No other <i>text</i> allowed.
[S: <i>name</i>]	Roll against the character's Skill or Spell that starts with " <i>name</i> ". The Skill/Spell name cannot contain spaces. E.g. [S:Brawl] will match "Brawling", [S:First] will match "First Aid/TL3". Skills are searched first, then Spells.
[S: <i>name</i> -2 <i>text</i>]	As above, applying the modifier "-2 <i>text</i> " to the roll. NOTE: There is no space between the Skill/Spell name and the modifier.
[S: <i>n*a*m*e</i>]	You can use any number of "*" to match Skill/Spell names. Remember, there is an implied "*" at the end. E.g. [S:F*Aid] will match "First Aid/TL3"
[S:" <i>name with spaces</i> "]	Roll against the character's Skill or Spell that starts with " <i>name with spaces</i> ". Since the name is enclosed in double quotes ("), it can contain spaces.
[S:" <i>name with spaces+2 <i>text</i>]</i>	As above, applying the modifier "+2 <i>text</i> " to the roll. NOTE: There is no space between the Skill/Spell name and the modifier.
[A: <i>name</i>] [A: <i>name</i> -2 <i>text</i>] [A: <i>n*a*m*e</i>] [A:" <i>name with spaces</i> "] [A:" <i>name with spaces+2 <i>text</i>]</i>	As above, but for Attacks. Melee attacks are searched first, then Ranged. NOTE: The "Usage" is included in the search. EX: If you have Melee: Throwing Axe (Swung) Ranged: Throwing Axe (Thrown) [A:Throwing*Axe*Thrown] will roll against the Ranged attack.
[D: <i>name</i>] [D: <i>name</i> -2 <i>text</i>] [D: <i>n*a*m*e</i>] [D:" <i>name with spaces</i> "] [D:" <i>name with spaces+2 <i>text</i>]</i>	As above, but this rolls the Damage of the attack, not the attack skill.
[ST26]	Roll against ST 26. Useful when describing powers that operate at a set level. No optional <i>text</i> or modifiers may be added.
[+2 <i>text</i>]	Add a global modifier described with <i>text</i> . EX: [-2 to hit], [+2 Mighty Blow], etc. NOTE: Modifiers can be clicked multiple times. EX: [-1 due to range]
[+2 dmg *Cost 1 FP]	If a modifier ends with "*Costs ?FP", then that amount of FP will be subtracted from the currently active character when the roll is made. Ex: [+2 dmg (Mighty Blow) *Costs 1FP]
[-4 to hit *Max:9]	If a modifier end with "*Max:?", then the target level is limited to "?". EX: [-4 to hit (Charge Attack) *Max:9]
[PDF:B208]	Create a link to open the Basic Set PDF to page 208. Uses PDFoundry
[SW cut] [THR-1 imp] [SW cut *Costs 2FP]	Roll damage based on the character's basic swing and thrust. Must include one of the recognized GURPS damage types. May add "*Costs XFP" to incur FP cost of X. No other <i>text</i> allowed.
[Dodge]	Roll vs the active character's Dodge value
[Dodge+1 <i>text</i>]	Roll vs the active character's Dodge value, applying the modifier "+1 <i>text</i> " to the

	roll. NOTE: There is no space in front of the modifier.
[Fright Check]	Roll vs the active character's Fright Check value
[Fright Check+1 <i>text</i>]	Roll vs the active character's Fright Check value, applying the modifier "+1 <i>text</i> " to the roll. NOTE: There is no space in front of the modifier.
[Vision] [Hearing] [Taste] [Touch] [Smell]	Roll vs the active character's value
[Vision+1 <i>text</i>] [Hearing+1 <i>text</i>] [Taste+1 <i>text</i>] [Touch+1 <i>text</i>] [Smell+1 <i>text</i>]	Roll vs the active character's value, applying the modifier "+1 <i>text</i> " to the roll. NOTE: There is no space in front of the modifier.
[Parry] [Block]	Find the first melee weapon (that is equipped) with a Parry (or Block) level, and roll it.
[Parry: <i>text</i>] [Block: <i>text</i>]	Find the first melee weapon with a Parry (or Block) level, that starts with <i>text</i> , and roll it. Used when the character is not wielding the first weapon in the list, and you are not using the "Equipped" status of equipment to indicate the active weapon.

Special formatting (Blind rolls, combining checks or modifiers, etc.)

Besides all of the cool things that you can do (listed above), we have a few more tricks up our sleeve.

![otf-formula]	If you start the On-the-Fly formula with "!", it will create a Blind Roll. If a player clicks on this button, it will show the results to the GM only. Note, this only works for "target" formulas (Attribute/Skill/Spell/Attack checks). It does not work for modifiers or damage rolls. EX: [!PER] Creates a Blindroll for Perception.
[+2 Aim & +1 Determined]	Combine multiple modifiers into a single On-the-Fly formula (and therefore, a single button). You can combine unlimited numbers of modifiers, separated by &. EX: [+2 Aim & +1 Determined & +2 to hit (prone) & +1 lucky] NOTE: This only works for modifiers.
[S:Tactics IQ -6] [S:Acrobatics S:Judo-2 DX-4]	"Skill Tree": Pick the best roll from a list of Skills and Attributes (including modifiers) for a character and roll that. You can have unlimited numbers of Skills and Attribute checks, separated by . This only works for Skills (S:Skillname), Attributes (ST, IQ, DX, HT, Per, Will), Fright Check, Vision, Hearing, Taste Smell, Touch, Dodge, Block, and Parry
[S:Search ? "You found it!"] [IQ ? "Ideal!", "No Clue"] [HT ? "Awake": "Fall asleep"]	"Conditional Text": Based on the result of a Skill/Attribute/"Skill Tree" check, whisper some text to the user. The test IS NOT displayed in the button, so the user does not know what will be reported. If the test passes, the first string is whispered to the user. If the test fails, and there is an optional second string, it is whispered to the user.
[/chat command]	You can execute a chat command. See Chat commands .

	[:macro] is a useful way to execute a macro from an On-the-Fly button.
["Some Label"]otf-formula]	<p>Make the On-the-Fly button appear as “Some Label”. Extremely useful when using chat macros in On-the-Fly buttons.</p> <p>For example, for following buttons do the same thing:</p> <p>[S:Acrobatics S:Judo DX-4] ["Knockback check" S:Acrobatics S:Judo DX-4]</p> <p>But they appear as:</p>  <p>Or my new favorite, the Acrobatic Dodge formula:</p> <p>[/if [S:Acrobatics] [Dodge +2] /else [Dodge -2]] ["Acrobatic Dodge!" /if [S:Acrobatics] [Dodge +2] /else [Dodge -2]]</p> <p>Which display like:</p> 

You can add **On-the-Fly** text in the title/name or notes section of an “item” (Attack, Equipment, Advantage, Skill, Spell, etc.), or the “user description” section (available in GCS) for advantages / disadvantages. You can also add **On-the-Fly** formulas to Journals entries, RollTables and [Chat messages](#).

Some examples.

“[1d3! Healing]” added to the notes section of the First Aid skill:

Carousing	13	HT+0	1	Lite 14
First Aid/TI 3	10	IQ+1	2	Lite 14
1d-3! Healing				
Intimidation	13	Will+0	2	Lite 15

“[1d Healing Potion]” added to the notes section of the Healing Potion equipment:

X	1	Potion Belt 4 bottles/8 vials. Ready/Fast-Draw. +2 DR for contents.	60	1 lbs	DFA112
X	4	Healing Potion, Minor 1d Healing Potion	20	0.5 lbs	DFA115

IMHO, this is especially useful if you create characters with any of the “Powers as Magic” systems, Thaumatology: Sorcery, Divine Favor, etc. Here are some of the Advantages for a character that I created as a Hogwarts student, using a variation on Sorcery. The Advantages below “Signature Gear (Wand)” are spells:

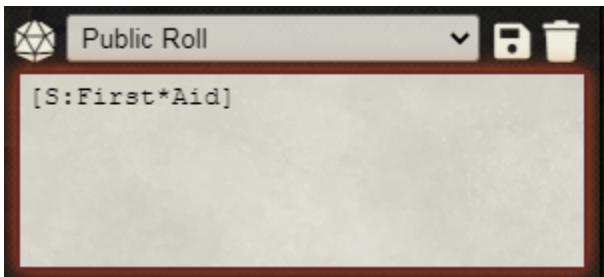
Advantages, Disadvantages, Perks & Quirks	pts
Wizardry 4 [No hardcore improv; Limited to College of Hogwarts] Roll vs IQ [+1 Wizardry Talent] [+1 for Luna's Wand] [No hardcore improv; Limited to College of Hogwarts]	33
Wizardry Talent 1 Add [+1 to any Wizardry related roll (IQ, Attack, etc.)]	5
Signature Gear (Wand) +1 IQ rolls for Wizardry (casting spells and parry)	2
Alohomora 2 Unlocks doors and other objects. Roll [Lockpicking*+1]. It takes 15 seconds to cast.	0
Telekinesis 2 (unlock door) (One Task, Lockpicking)	
Appare Vestigium Reveals traces of magic. Roll [PER+1] to detect, and [IQ+1] to analyze. Detect Magic (Sense Roll, Roll vs IQ for analysis)	0
Homenum Revelio Reveals human presence nearby. Roll [PER+1] to detect, and [IQ+1] to analyze. Detect Human (Sense Roll, Roll vs IQ for analysis)	0
Incendio (Create normal, non-magical fire)	0
Nebulus 10 Create a Fog bank (4 yd radius/7 yd diameter) around the caster for 10 minutes. [-10 Fog] Fog encircles the character, -10 vision (Area Effect (4 yd radius); Max Duration (10 mins))	0
Wingardium Leviosa 4 Make small objects (up to 3.2 lbs) levitate. Telekinesis 4 (BL 3.2 lbs) Levitate	0
Accio Summoning Charm. Summon an object (up to 30 lbs) toward the caster (usually from a long distance). [Cost 2FP] Summoning Charm (Up to 30lbs; Recall object)	4
Aguamenti 1 Shoot a thin jet of water from your wand, which can strike any target up to 10 yards away. It can be dodged or blocked, but not parried. This jet does [1d cr] damage, doubled, for the purposes of knockback only and it can put out fires. It does double damage against diffuse or flame targets. 1/2 D & Max 10yds (Blockable; Double Knockback; Increased 1/2D; Reduced Range (1/5); Can extinguish fire; Cosmic: Does knockback-based damage against diffuse and flame targets; Jet; No wounding)	1
Confundo Confundus Charm; causes the victim to become confused and disoriented. Contest your [Will] [-1 per hex] vs their HT. They become Dazed for margin of failure minutes. Confundus Charm; causes the victim to become confused (Malediction 1; Daze (You are conscious. If you are standing, you remain upright but you can do nothing. If you are struck, slapped, or shaken, you recover on your next turn.))	4

All of the “actionable” things are highlighted in yellow or orange and can be clicked on.

One-the-Fly in Chat

As of v0.8.0 anyone can type an On-the-Fly formula into the chat window. Useful if you are trying to help a player make a particular roll.

For example, a player needs to roll against their First Aid skill, but is having trouble finding it on the character sheet. You can type:

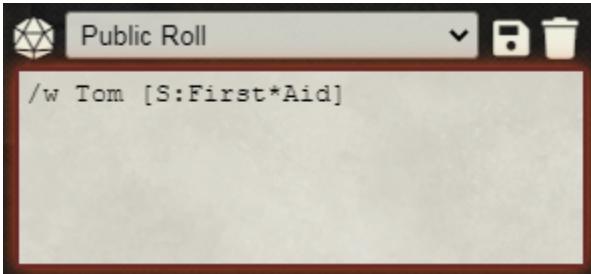


In chat, and a chat message will appear with the text highlighted in yellow. If the player mouses over it, it will appear as a button



And if they press it, it will roll the Skill that starts with “First*Aid” on their character.

You can also whisper it to them:



becomes:



Direct execution of One-the-Fly formulas

As of v.0.8.3, you can directly “roll” an **On-the-Fly** formula to have it execute immediately. You can directly execute **On-the-Fly** formulas from chat, in a rolltable entry, or even a macro. EX:

```
/r [otf-formula]  
/roll [otf-formula]
```

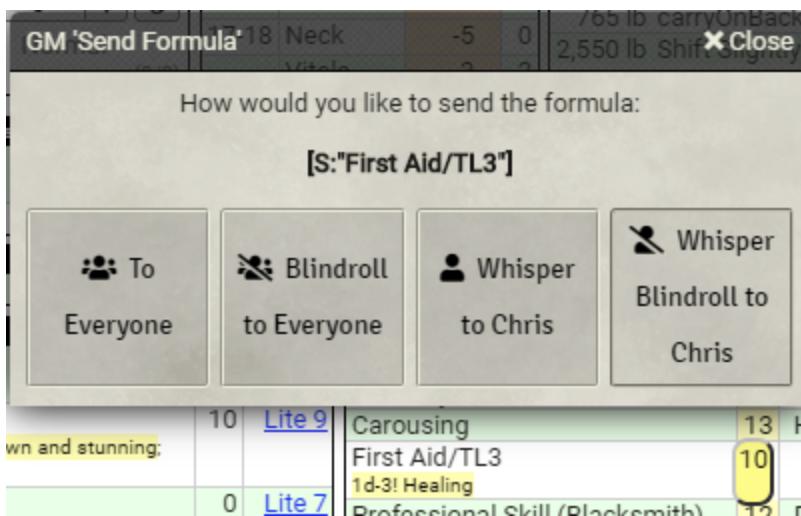
Or, to roll them privately (so only you can see the results):

```
/pr [otf-formula]  
/private [otf-formula]
```

GM Send of On-the-Fly formulas

As of v0.8.1, the GM (only) can right mouse click on any item in a character sheet or Journal entry to be sent as an **On-the-Fly** formula in a chat message. This can be very useful to help new players determine which roll to execute.

For example, if the GM opens a player’s character sheet and right mouse clicks on the “First Aid/TL3” skill button, this dialog will appear:



The GM can select to send that **On-the-Fly** formula to Everyone, Everyone as a Blind Roll, Just the Owner of that character or Just the Owner of that character as a Blind Roll.

NOTE: Any **On-the-Fly** formula can be sent. If you can click on it, you can send it.

How to make an **On-the-Fly** “Blind”

As mentioned in the last row of the [On-the-Fly](#) formula table above, you can convert many **On-the-Fly** formulas into a Blind Roll (which means the player will not see the result). Just prepend any **On-the-Fly** formula with “!”. For example, sending the chat message:

It is dark, please click this button [/PER]

Which will appear in everyone's chat log as:

Gamemaster Now [trash]

It is dark, please click this button

<Blind Roll> PER

And when the player clicks on that button, it will roll against their active character, and only show the results to the GM(s).

On-the-Fly Roll Tables

Because the chat is parsed for **On-the-Fly** formulas, you can now add **On-the-Fly** formulas to Roll Tables:

	Text	<input type="button" value="▼"/>	[S:"First Aid*"]	<input type="button" value="1"/>	<input type="button" value="1"/>	-	<input type="button" value="1"/>
	Text	<input type="button" value="▼"/>	[PDF:Lite 1]	<input type="button" value="1"/>	<input type="button" value="2"/>	-	<input type="button" value="2"/>
	Text	<input type="button" value="▼"/>	[2d-3]	<input type="button" value="1"/>	<input type="button" value="3"/>	-	<input type="button" value="3"/>
	Text	<input type="button" value="▼"/>	[ST+1]	<input type="button" value="1"/>	<input type="button" value="4"/>	-	<input type="button" value="4"/>
	Text	<input type="button" value="▼"/>	[+3 Wow]	<input type="button" value="1"/>	<input type="button" value="5"/>	-	<input type="button" value="5"/>
	Text	<input type="button" value="▼"/>	[A:"2 Handed Great Axe"]	<input type="button" value="1"/>	<input type="button" value="6"/>	-	<input type="button" value="6"/>

And the results:

Gamemaster	3m ago		Gamemaster	3m ago		Gamemaster	3m ago	
Draws a result from the Test table.			Draws a result from the Test table.			Draws a result from the Test table.		
<input type="button" value="1d6"/>			<input type="button" value="1d6"/>			<input type="button" value="1d6"/>		
6			1			3		
A:2 Handed Great Axe			S:First Aid*			2d-3		
Gamemaster	2m ago		Gamemaster	3m ago		Gamemaster	3m ago	
Draws a result from the Test table.			Draws a result from the Test table.			Draws a result from the Test table.		
<input type="button" value="1d6"/>			<input type="button" value="1d6"/>			<input type="button" value="1d6"/>		
4			5			2		
ST+1			+3 Wow			Lite 1		

As of v0.8.5, you can include direct private rolls. For example, to create a table that rolls random Trap damage, you could do:

Table Configuration: Trap Damage



Trap Damage

Table Description

Roll Table Formula

1d4

Draw with Replacement?



Display Roll to Chat?



+ Result Type	Result Details	Weight	Range	
Text	/pr [1d-5! burn]	1	1 - 3	
Text	/pr [1d burn]	1	4 - 5	
Text	/pr [2d burn]	1	5 - 6	

Update
 Reset
 Roll

Which will automatically roll the damage privately so the GM can apply it.

Gamemaster 2s ago	Draws a result from the Trap Damage table. 1d4 4 /pr 1d burn	Gamemaster 5s ago	Draws a result from the Trap Damage table. 1d4 3 /pr 1d-5! burn
Gamemaster 2s ago	Rolling 1d damage 4 → 3 points of 'burn' damage.	Gamemaster 5s ago	Rolling 1d-5 damage 4 → 1 point of 'burn' damage. Rolled (5) - 5 = 0.* * — Minimum damage rule applied. (B378)

How to Apply Damage

Damage calculation can get rather complex. In v0.8.0 we have added the new “Apply Damage Calculator”. There is a lot here. See this video on [how to apply damage](#).

Apply 6 points of cr damage to Lady Seraelle

DIRECTLY APPLY:	6	Hit Points	Apply	Apply (Quietly)																																																																																			
APPLY DAMAGE OPTIONS:																																																																																							
Hit Location and DR <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Location</th> <th>Roll</th> <th>DR</th> </tr> </thead> <tbody> <tr><td><input type="radio"/> Eye</td><td>-</td><td>0</td></tr> <tr><td><input type="radio"/> Skull</td><td>3-4</td><td>5</td></tr> <tr><td><input type="radio"/> Face</td><td>5</td><td>3</td></tr> <tr><td><input type="radio"/> Right Leg</td><td>6-7</td><td>3</td></tr> <tr><td><input type="radio"/> Right Arm</td><td>8</td><td>3</td></tr> <tr><td><input checked="" type="radio"/> Torso</td><td>9-10</td><td>20</td></tr> <tr><td><input type="radio"/> Groin</td><td>11</td><td>3</td></tr> <tr><td><input type="radio"/> Left Arm</td><td>12</td><td>3</td></tr> <tr><td><input type="radio"/> Left Leg</td><td>13-14</td><td>3</td></tr> <tr><td><input type="radio"/> Hand</td><td>15</td><td>3</td></tr> <tr><td><input type="radio"/> Foot</td><td>16</td><td>3</td></tr> <tr><td><input type="radio"/> Neck</td><td>17-18</td><td>3</td></tr> <tr><td><input type="radio"/> Vitals</td><td>-</td><td>3</td></tr> </tbody> </table> <input type="button" value="Random"/> <input type="radio"/> Large-Area Injury B400 <input type="radio"/> Enter DR: <input type="text" value="0"/>		Location	Roll	DR	<input type="radio"/> Eye	-	0	<input type="radio"/> Skull	3-4	5	<input type="radio"/> Face	5	3	<input type="radio"/> Right Leg	6-7	3	<input type="radio"/> Right Arm	8	3	<input checked="" type="radio"/> Torso	9-10	20	<input type="radio"/> Groin	11	3	<input type="radio"/> Left Arm	12	3	<input type="radio"/> Left Leg	13-14	3	<input type="radio"/> Hand	15	3	<input type="radio"/> Foot	16	3	<input type="radio"/> Neck	17-18	3	<input type="radio"/> Vitals	-	3	Type and Wounding Modifiers <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Damage Type</th> <th>Abbrev</th> <th>Modifier</th> </tr> </thead> <tbody> <tr><td><input type="radio"/> Burning</td><td>burn</td><td>x1</td></tr> <tr><td><input type="radio"/> Corrosive</td><td>cor</td><td>x1</td></tr> <tr><td><input checked="" type="radio"/> Crushing</td><td>cr</td><td>x1</td></tr> <tr><td><input type="radio"/> Cutting</td><td>cut</td><td>x1.5</td></tr> <tr><td><input type="radio"/> Fatigue</td><td>fat</td><td>x1</td></tr> <tr><td><input type="radio"/> Impaling</td><td>imp</td><td>x2</td></tr> <tr><td><input type="radio"/> Small Piercing</td><td>pi-</td><td>x0.5</td></tr> <tr><td><input type="radio"/> Piercing</td><td>pi</td><td>x1</td></tr> <tr><td><input type="radio"/> Large Piercing</td><td>pi+</td><td>x1.5</td></tr> <tr><td><input type="radio"/> Huge Piercing</td><td>pi++</td><td>x2</td></tr> <tr><td><input type="radio"/> Toxic</td><td>tox</td><td>x1</td></tr> <tr><td><input type="radio"/> Damage</td><td>dmg</td><td>x1</td></tr> </tbody> </table> <input type="radio"/> No modifier <input type="radio"/> Enter modifier: <input type="text" value="1"/> Additional modifier (stacks): <input type="text" value="0"/>			Damage Type	Abbrev	Modifier	<input type="radio"/> Burning	burn	x1	<input type="radio"/> Corrosive	cor	x1	<input checked="" type="radio"/> Crushing	cr	x1	<input type="radio"/> Cutting	cut	x1.5	<input type="radio"/> Fatigue	fat	x1	<input type="radio"/> Impaling	imp	x2	<input type="radio"/> Small Piercing	pi-	x0.5	<input type="radio"/> Piercing	pi	x1	<input type="radio"/> Large Piercing	pi+	x1.5	<input type="radio"/> Huge Piercing	pi++	x2	<input type="radio"/> Toxic	tox	x1	<input type="radio"/> Damage	dmg	x1	Tactical Rules <i>Use systems settings to set defaults.</i> <input type="checkbox"/> Blunt Trauma B379 <input type="checkbox"/> Armor Divisor B378 <input type="checkbox"/> Hit Location Wounding B398 <input type="checkbox"/> Modifiers	
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Calculation and Results BASIC DAMAGE 6 HP DR 20 Torso PENETRATING 0 (6 - 20) MODIFIER x1 cr INJURY 0 (0 x 1)					<input type="text" value="0"/> <input type="button" value="Apply Injury"/> <input type="button" value="Apply Injury (Quietly)"/>																																																																																		

Mook Generator (how to create NPCs)

So now you have your characters in the world... but no one to fight. You need to create a few "mooks" (NPCs). You can use the character creation tools (GCA/GCS), but for "throw away" or low level NPCs, that seems to be overkill. Instead, you can create the "mooks" directly in our Game Aid. Check out our "[How to create NPCs](#)" video. The GM can type "/mook" in the chat window to bring up the Mook Generator.

Mook Generator

Name:

Title: bad guy

Desc: appearance

ST: 10	HP: 10	Speed: 5
DX: 10	Will: 10	Move: 5
IQ: 10	PER: 10	SM: 0
HT: 10	FP: 10	DR: 1
Dodge: 9		

Notes. May include On-the-Fly formulas
 [IQ to remember something] [Dodge] [+2 Blessed]

Traits (Ads/Disads/Quirks/Perks)

Ugly [-4 from everyone]
 High Pain Threshold; Annoying

Skills

Barter-14
 Search-13, Lockpicking-11

Melee

Punch (12) 1d-2 cr
 Kick (11) 1d cr

Ranged

Slingshot (9) 1d-3 imp acc 2



The GM can enter information, and press TAB to move to the next field. Once all of the information is entered, click "Test Mook" to verify that the data is correct, and if it is, the button will change to "Create Mook". Click that to create the new Actor.

The Notes, Traits, Skills, Melee and Ranged values are parsed for **On-the-Fly** formulas.

Traits may be entered one per line, or separated by ";" or a combination of both.

Skills may be entered one per line, or separated by "," or a combination of both.. Skills are parsed using the format:

<skill name>-<number>

The skill name may include any character except "-". If you forget the "-", or the value following the "-" is missing or not a number, an error will be added to the text when you try to create the mook.

Melee attacks must be entered one per line. Melee and ranged attacks are recognized if they follow 1 of 2 patterns:

Name (Skill #) damage-formula optional-attributes

Name (Skill Text) "damage text" optional-attributes

The name may include any character except “(“. As with Skills, if you do not follow the format, an error will be added to the text when you try to create the mook.

Melee attacks can also have the optional parameters, followed by “text”, separated by spaces. The “text” cannot contain spaces. The parameters are:

- Reach/reach
- Usage/usage
- Parry/Parry
- ST/st
- Block/block

EX: Knife (12) 1d-2 cut reach c,1 st 10 usage stab

NOTE: The “reach” value “c,1” does not contain a space.

The order after the damage formula does not matter.

Ranged attacks follow the same format as melee attacks. They can also include the optional parameters, followed by text, separated by spaces:

- Acc/acc
- Rof/RoF/rof
- Rcl/rcl
- Usage/usage
- Range/range
- Shots/shots
- Bulk/bulk
- ST/st

Ex: Long Range Rifle (12) 2d+1 pi range 50/100 bulk -5 acc 3

NOTE: The “range” value “50/100” does not contain a space.

Equipment follows the format:

<Item name>; X ; \$Y ; Z lbs

Where <Item name> can contain spaces. X is the quantity of items. Y is the per-unit cost of the item, and Z is the weight in LBS. The format must include the “\$” and “lbs” to be valid.

Equipment isn't strictly necessary, since the melee and ranged attacks are described above, but some stat blocks include equipment, so we try to capture what we can.

FUTURE TODO:

Example Stat Block format

Chat commands (edited as of Apr 23 2021)

We have added the following chat commands, available to everyone:

/help	Show this list in the chat log.																						
!help	Show this list in the chat log.																						
/:macro name	Execute the macro named "macro name"																						
/clearmb	Remove all modifiers from your Modifier Bucket																						
/fp <formula> /hp <formula>	<p>Modify the FP (or HP) of the currently selected character. The <formula> can be one of the following forms:</p> <table border="1"><tbody><tr><td>+X</td><td>Add X to FP/HP. Will not exceed the max.</td></tr><tr><td>-X</td><td>Subtract X from FP/HP.</td></tr><tr><td>=X</td><td>Set FP/HP to X. Will not exceed the max</td></tr><tr><td>+Xd+/-Y</td><td>Roll X dice (+ or - Y) and add to FP/HP. Will not exceed max.</td></tr><tr><td>-Xd+/-Y</td><td>Roll X dice (+ or - Y) and subtract that from FP/HP</td></tr><tr><td>+Xd+/-Y!</td><td>As above, but Xd+/-Y will add a minimum of 1</td></tr><tr><td>-Xd+/-Y!</td><td>As above, but Xd+/-Y will subtract a minimum of 1</td></tr><tr><td>reset</td><td>Reset the FP/HP back to its maximum</td></tr></tbody></table> <p>Examples:</p> <table border="1"><tbody><tr><td>/hp +1d-3!</td><td>Apply TL3 healing</td></tr><tr><td>/hp +1d</td><td>Drink a TL3 healing potion</td></tr><tr><td>/fp reset</td><td>Reset you FP after a night's rest</td></tr></tbody></table>	+X	Add X to FP/HP. Will not exceed the max.	-X	Subtract X from FP/HP.	=X	Set FP/HP to X. Will not exceed the max	+Xd+/-Y	Roll X dice (+ or - Y) and add to FP/HP. Will not exceed max.	-Xd+/-Y	Roll X dice (+ or - Y) and subtract that from FP/HP	+Xd+/-Y!	As above, but Xd+/-Y will add a minimum of 1	-Xd+/-Y!	As above, but Xd+/-Y will subtract a minimum of 1	reset	Reset the FP/HP back to its maximum	/hp +1d-3!	Apply TL3 healing	/hp +1d	Drink a TL3 healing potion	/fp reset	Reset you FP after a night's rest
+X	Add X to FP/HP. Will not exceed the max.																						
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-Xd+/-Y	Roll X dice (+ or - Y) and subtract that from FP/HP																						
+Xd+/-Y!	As above, but Xd+/-Y will add a minimum of 1																						
-Xd+/-Y!	As above, but Xd+/-Y will subtract a minimum of 1																						
reset	Reset the FP/HP back to its maximum																						
/hp +1d-3!	Apply TL3 healing																						
/hp +1d	Drink a TL3 healing potion																						
/fp reset	Reset you FP after a night's rest																						
/if [On-the-Fly] [OtF]	If the first On-the-Fly succeeds, then execute the following <i>OtF</i> formula. The first formula must be some kind of "check". Either an Attribute check, a Skill/Spell check, or a Self Control Roll. Examples:																						

	/if [A:Knife] [D:Knife]	If the Knife attack roll succeeds, then roll the Damage for the Knife				
/if [On-the-Fly] /chatcmd	If the first On-the-Fly succeeds, then execute the following chat command.					
Examples:						
<table border="1"> <tr> <td>/if [S:First*Aid] /hp +1d-3!</td> <td>If the First Aid skill check succeeds, add 1d-3 (with a minimum of 1) HP to the current character</td> </tr> <tr> <td>/if [S:First*Aid] /ev hp +1d-3!</td> <td>If the First Aid skill check succeeds, add 1d-3 (with a minimum of 1) HP to every player character in the current scene</td> </tr> </table>		/if [S:First*Aid] /hp +1d-3!	If the First Aid skill check succeeds, add 1d-3 (with a minimum of 1) HP to the current character	/if [S:First*Aid] /ev hp +1d-3!	If the First Aid skill check succeeds, add 1d-3 (with a minimum of 1) HP to every player character in the current scene	
/if [S:First*Aid] /hp +1d-3!	If the First Aid skill check succeeds, add 1d-3 (with a minimum of 1) HP to the current character					
/if [S:First*Aid] /ev hp +1d-3!	If the First Aid skill check succeeds, add 1d-3 (with a minimum of 1) HP to every player character in the current scene					
/if [On-the-Fly] TEXT	If the first On-the-Fly succeeds, then display TEXT as a public message					
Examples:						
<table border="1"> <tr> <td>/if [S:Traps] You find a Trap!</td> <td>If the Traps skill check succeeds, create a public chat message: "You find a Trap!"</td> </tr> </table>		/if [S:Traps] You find a Trap!	If the Traps skill check succeeds, create a public chat message: "You find a Trap!"			
/if [S:Traps] You find a Trap!	If the Traps skill check succeeds, create a public chat message: "You find a Trap!"					
*Note, this is similar to the "Conditional Text" feature of the On-theFly formulas, however this is a public message. The "Conditional Text" is a whisper to the owner of the character that made the roll.						
/if ! [On-the-Fly] [OtF] /if ! [On-the-Fly] /chatcmd /if ! [On-the-Fly] TEXT	Add a "!" before the On-theFly check will invert it. For example: /if ! [IQ] No idea Which will roll IQ, and if you fail, it will print "No idea" to the chat log.					
/if [On-the-Fly] [OtF1] /else [OtF2]						
	As above, but if the first On-the-Fly succeeds, then execute the [OtF1] formula. If it fails, execute the [OtF2] formula					
Example: /if [S:Acrobatics] [Dodge +2 Acrobatics] /else [Dodge -2 Failed Acrobatics]						
If the Acrobatics check succeeds, then roll Dodge with +2. If it fails, then roll Dodge with -2						
/if [On-the-Fly] /chatcommand1 /else [OtF2]						
	As above, but if the first On-the-Fly succeeds, then execute chatcommand1. If it fails, execute the [OtF2] formula.					
/if [On-the-Fly] /chatcommand1 /else /chatcommand2						
	As above, but if the first On-the-Fly succeeds, then execute chatcommand1. If it fails, execute chatcommand2.					
/if [On-the-Fly] [OtF1] /else /chatcommand2						

	As above, but if the first On-the-Fly succeeds, then execute the [OtF1] formula. If it fails, execute chatcommand2.						
/qty <formula> <eqt name>	<p>Find the first equipment where the name matches <eqt name> (wildcards "*" are permitted) and then apply <formula> to the quantity (Qty). Carried "Equipment" is searched first, then "Other Equipment".</p> <p>The <formula> can be one of the following forms:</p> <table border="1"> <tr> <td>+X</td><td>Add X to the quantity .</td></tr> <tr> <td>-X</td><td>Subtract X from the quantity . The quantity cannot go below 0. If it would, a warning message is displayed.</td></tr> <tr> <td>=X</td><td>Set quantity to X.</td></tr> </table> <p>Example: /qty -1 Healing Potion</p>	+X	Add X to the quantity .	-X	Subtract X from the quantity . The quantity cannot go below 0. If it would, a warning message is displayed.	=X	Set quantity to X.
+X	Add X to the quantity .						
-X	Subtract X from the quantity . The quantity cannot go below 0. If it would, a warning message is displayed.						
=X	Set quantity to X.						
/qty <formula> o.<eqt name> /qty <formula> o:<eqt name>	Prepending "o." or "o:" before the equipment name will search the "Other Equipment" first, and then the Carried "Equipment".						
/qty <formula> <container>/<container>/<eqt name>	<p>If you have the same equipment in multiple containers, you may specify the container name (or names), to select the specific one.</p> <p>For example, we have 2 Minor Healing Potions. One in the "Carried" equipment, in a "Pouch, Small", and the second in the "Other" equipment, in a Bag, which is in a Backpack.</p> <table border="1"> <tr> <td>/qty -1 Minor</td><td>Will find the first Minor Healing Potion</td></tr> <tr> <td>/qty -1 Pouch/*Heal</td><td>Will find the first Minor Healing Potion</td></tr> <tr> <td>/qty -1 Back/Bag/*Heal</td><td>Will find the second Minor Healing Potion</td></tr> </table>	/qty -1 Minor	Will find the first Minor Healing Potion	/qty -1 Pouch/*Heal	Will find the first Minor Healing Potion	/qty -1 Back/Bag/*Heal	Will find the second Minor Healing Potion
/qty -1 Minor	Will find the first Minor Healing Potion						
/qty -1 Pouch/*Heal	Will find the first Minor Healing Potion						
/qty -1 Back/Bag/*Heal	Will find the second Minor Healing Potion						
/ra N .ra N	<p>"Roll Against" N. Similar to the Discord chat macro.</p> <p>For example:</p> <table border="1"> <tr> <td>/ra 13</td><td>Rolls 3d6 against a target value of 13.</td></tr> </table>	/ra 13	Rolls 3d6 against a target value of 13.				
/ra 13	Rolls 3d6 against a target value of 13.						

	<table border="1"> <tr> <td>.ra 11</td><td>Rolls 3d6 against a target value of 11</td></tr> </table> <p>The result appears as “Default”:</p>	.ra 11	Rolls 3d6 against a target value of 11		
.ra 11	Rolls 3d6 against a target value of 11				
/ra <Skillname>-N .ra <Skillname>-N	<p>“Roll Against” a skill with level N. Note: skill is “fake”. It is not checked against the current character. Its only purpose is to display in the chat as a Skill check. Similar to the Discord chat macro.</p> <p>For example:</p> <table border="1"> <tr> <td>/ra Traps-13</td><td>Rolls 3d6 against a target value of 13.</td></tr> <tr> <td>.ra Drive-11</td><td>Rolls 3d6 against a target value of 11.</td></tr> </table> <p>The result appears like this:</p>	/ra Traps-13	Rolls 3d6 against a target value of 13.	.ra Drive-11	Rolls 3d6 against a target value of 11.
/ra Traps-13	Rolls 3d6 against a target value of 13.				
.ra Drive-11	Rolls 3d6 against a target value of 11.				
/roll [On-the-Fly] /r [On-the-Fly]	Execute the formula as if it was just clicked. Ex: /r [+2 to hit] will add a +2 modifier to the modifier bucket.				
/private [On-the-Fly] /pr [On-the-Fly]	As above, but only show the results to yourself.				
/select <name> /sel <name>	<p>Select an actor from the current scene. The name will appear above the Modifier bucket indicating the “current actor”. First try to match Actor names, and then if no match is found, search through Token names (useful when using the Token Mold module and the Token names may be different than the underlying Actor).</p> <p>The name must be an exact match, but may include wildcards (“*”).</p> <p>For example, given 3 tokens in the current scene:</p> <ul style="list-style-type: none"> Goblin Master Goblin 1 Goblin 2 				

	<table border="1"> <tr><td>/sel Goblin</td><td>Matches no one</td></tr> <tr><td>/sel Gob*1</td><td>Will select Goblin 1</td></tr> <tr><td>/sel *Master</td><td>Will select Goblin Master</td></tr> </table>	/sel Goblin	Matches no one	/sel Gob*1	Will select Goblin 1	/sel *Master	Will select Goblin Master				
/sel Goblin	Matches no one										
/sel Gob*1	Will select Goblin 1										
/sel *Master	Will select Goblin Master										
/select /sel	Clears the current actor.										
/showmbs	Shows the modifier buckets for every player.										
/slam	Brings up the Slam calculator. If you have selected a target (using Foundry's targeting system), it will automatically fill in the target's HP.										
/status list /st list	<p>Display a table of the Status Effects IDs and Names. This is necessary because some statuses have the same name, but different ID.</p> <p>For example:</p> <table border="1"> <thead> <tr><th>ID:</th><th>NAME:</th></tr> </thead> <tbody> <tr><td>shock1</td><td>'Shocked'</td></tr> <tr><td>shock2</td><td>'Shocked'</td></tr> <tr><td>shock3</td><td>'Shocked'</td></tr> <tr><td>shock4</td><td>'Shocked'</td></tr> </tbody> </table> <p>The “Shocked” statuses all have the same name, but a different icon, and a different ID. Since the status match must be exact, you can't use “Shocked” as a status... since there are 4 matches. Instead, to turn on level 3 “Shocked”, you would use:</p> <p style="text-align: center;">/st on shock3</p>	ID:	NAME:	shock1	'Shocked'	shock2	'Shocked'	shock3	'Shocked'	shock4	'Shocked'
ID:	NAME:										
shock1	'Shocked'										
shock2	'Shocked'										
shock3	'Shocked'										
shock4	'Shocked'										
/status toggle <status> /st t <status>	<p>Finds an Effect based on the name or ID (see /status list above) which must be an exact match, but may contain wildcards “*”, and then toggles it for all selected tokens.</p> <table border="1"> <tr><td>/status t shock2</td><td>Toggles the shock2:"Shocked" status</td></tr> <tr><td>/st toggle exhaust</td><td>Does nothing, because it does not match a status</td></tr> <tr><td>/st t exhaust*</td><td>Toggles the exhausted:"Fatigued" status</td></tr> </table>	/status t shock2	Toggles the shock2:"Shocked" status	/st toggle exhaust	Does nothing, because it does not match a status	/st t exhaust*	Toggles the exhausted:"Fatigued" status				
/status t shock2	Toggles the shock2:"Shocked" status										
/st toggle exhaust	Does nothing, because it does not match a status										
/st t exhaust*	Toggles the exhausted:"Fatigued" status										
/status on <status> /st set <status> /st + <status>	Turn on a status for all selected tokens. If it is already on, it stays on.										
/status off <status> /st unset <status> /st - <status>	Turn off a status for all selected tokens. If it is already off, it stays off.										
/status clear	Clears ALL Status Effects from the selected tokens.										

/st clear									
/status <command> @self /st <command> @self	Applies any of the above status commands, but on the current character, instead of the selected tokens. Most useful in a chat macro.								
/trackerN <formula> /trN <formula> /rtN <formula> /resourceN <formula>	Apply the <i>formula</i> to the tracker #N, where N = 0, 1, 2 or 3. <table border="1"> <tr> <td>+X</td><td>Add X to the tracker. Will not exceed the max (if one is defined).</td></tr> <tr> <td>-X</td><td>Subtract X from the tracker.</td></tr> <tr> <td>=X</td><td>Set FP/HP to X. This may exceed the max.</td></tr> <tr> <td>reset</td><td>Reset the tracker back to 'max', unless it is a "Damage Tracker", in which case it will reset it back to 0.</td></tr> </table>	+X	Add X to the tracker. Will not exceed the max (if one is defined).	-X	Subtract X from the tracker.	=X	Set FP/HP to X. This may exceed the max.	reset	Reset the tracker back to 'max', unless it is a "Damage Tracker", in which case it will reset it back to 0.
+X	Add X to the tracker. Will not exceed the max (if one is defined).								
-X	Subtract X from the tracker.								
=X	Set FP/HP to X. This may exceed the max.								
reset	Reset the tracker back to 'max', unless it is a "Damage Tracker", in which case it will reset it back to 0.								
/tracker(<name>) <formula> /tr(<name>) <formula> /rt(<name>) <formula> /resource(<name>) <formula>	As above, but apply the <i>formula</i> to the tracker who's name starts with <name>. For example: /tracker(Control) reset Will reset the "Control Points" tracker back to zero.								
/uses <formula> <eqtname>	Find the first equipment where the name matches <eqt name> (wildcards "*" are permitted) and then apply <formula> to the Uses column. Carried "Equipment" is searched first, then "Other Equipment". The <formula> can be one of the following forms: <table border="1"> <tr> <td>+X</td><td>Add X to the USES value. If the value exceeds MAXUSES, it will be limited to MAXUSES</td></tr> <tr> <td>-X</td><td>Subtract X from the USES value. The quantity cannot go below 0.</td></tr> <tr> <td>=X</td><td>Set quantity to X. NOTE: You can set USES to any single word or number.</td></tr> </table> Example: /uses -1 Healing Potion /uses =Used Magic Beans	+X	Add X to the USES value. If the value exceeds MAXUSES, it will be limited to MAXUSES	-X	Subtract X from the USES value. The quantity cannot go below 0.	=X	Set quantity to X. NOTE: You can set USES to any single word or number.		
+X	Add X to the USES value. If the value exceeds MAXUSES, it will be limited to MAXUSES								
-X	Subtract X from the USES value. The quantity cannot go below 0.								
=X	Set quantity to X. NOTE: You can set USES to any single word or number.								
/uses <formula> o.<eqtname> /uses <formula> o:<eqtname>	Prepending "o." or "o:" before the equipment name will search the "Other Equipment" first, and then the Carried "Equipment".								
/uses <formula> <container>l<container>l<eqt name>	If you have the same equipment in multiple containers, you may specify the container name (or names), to select the specific one.								

For example, we have 2 Minor Healing Potions. One in the “Carried” equipment, in a “Pouch, Small”, and the second in the “Other” equipment, in a Bag, which is in a Backpack.

X	<input type="checkbox"/>	1	<input type="checkbox"/>	▼ Pouch, Small
X	<input type="checkbox"/>	1	<input type="checkbox"/>	Minor Healing Potion
Qty				
	<input type="checkbox"/>	0	<input type="checkbox"/>	▼ Backpack
	<input type="checkbox"/>	0	<input type="checkbox"/>	▼ Bag
	<input type="checkbox"/>	1	<input type="checkbox"/>	Minor Healing Potion

/uses -1 Minor	Will find the first Minor Healing Potion
/uses -1 Pouch/*Heal	Will find the first Minor Healing Potion
/uses -1 Back/Bag/*Heal	Will find the second Minor Healing Potion

GM only chat commands:

/everyone hp reset /ev fp reset	Reset FP or HP back to max for every player character in the current scene.														
/everyone [On-the-Fly formula] /ev [On-the-Fly formula]	Execute the On-theFly formula for every player character in the current scene. NOTE: You cannot use Modifier, Chat or PDF On-the-Fly formulas. For example: /ev [1d burn] /ev [!Per]														
/everyone fp <formula> /ev hp <formula>	Modify the FP (or HP) of every player character in the current scene. The <formula> can be one of the following forms: <table border="1"> <tr> <td>+X</td> <td>Add X to FP/HP. Will not exceed the max.</td> </tr> <tr> <td>-X</td> <td>Subtract X from FP/HP.</td> </tr> <tr> <td>=X</td> <td>Set FP/HP to X. Will not exceed the max</td> </tr> <tr> <td>+Xd+/-Y</td> <td>Roll X dice (+ or - Y) and add to FP/HP. Will not exceed max.</td> </tr> <tr> <td>-Xd+/-Y</td> <td>Roll X dice (+ or - Y) and subtract that from FP/HP</td> </tr> <tr> <td>+Xd+/-Y!</td> <td>As above, but Xd+/-Y will add a minimum of 1</td> </tr> <tr> <td>-Xd+/-Y!</td> <td>As above, but Xd+/-Y will subtract a minimum of 1</td> </tr> </table>	+X	Add X to FP/HP. Will not exceed the max.	-X	Subtract X from FP/HP.	=X	Set FP/HP to X. Will not exceed the max	+Xd+/-Y	Roll X dice (+ or - Y) and add to FP/HP. Will not exceed max.	-Xd+/-Y	Roll X dice (+ or - Y) and subtract that from FP/HP	+Xd+/-Y!	As above, but Xd+/-Y will add a minimum of 1	-Xd+/-Y!	As above, but Xd+/-Y will subtract a minimum of 1
+X	Add X to FP/HP. Will not exceed the max.														
-X	Subtract X from FP/HP.														
=X	Set FP/HP to X. Will not exceed the max														
+Xd+/-Y	Roll X dice (+ or - Y) and add to FP/HP. Will not exceed max.														
-Xd+/-Y	Roll X dice (+ or - Y) and subtract that from FP/HP														
+Xd+/-Y!	As above, but Xd+/-Y will add a minimum of 1														
-Xd+/-Y!	As above, but Xd+/-Y will subtract a minimum of 1														

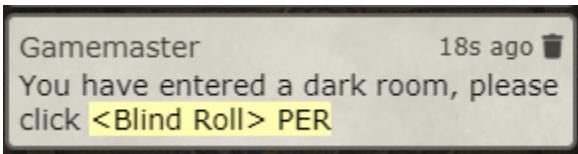
	<table border="1"> <tr> <td>reset</td><td>Reset the FP/HP back to its maximum</td></tr> </table> <p>Examples:</p> <table border="1"> <tr> <td>/ev hp +1d-3!</td><td>Apply TL3 healing to everyone</td></tr> <tr> <td>/ev hp +1d</td><td>Everyone drinks a TL3 healing potion</td></tr> <tr> <td>/ev fp reset</td><td>Everyone's FP is reset after a night's rest</td></tr> </table>	reset	Reset the FP/HP back to its maximum	/ev hp +1d-3!	Apply TL3 healing to everyone	/ev hp +1d	Everyone drinks a TL3 healing potion	/ev fp reset	Everyone's FP is reset after a night's rest
reset	Reset the FP/HP back to its maximum								
/ev hp +1d-3!	Apply TL3 healing to everyone								
/ev hp +1d	Everyone drinks a TL3 healing potion								
/ev fp reset	Everyone's FP is reset after a night's rest								
/frightcheck /fc	Open the Fright Check calculator								
/mook	Open the Mook Generator (for NPC creation)								
/remote [On-the-Fly formula] /rem [On-the-Fly formula]	<p>Send the On-the-Fly formula to every connected Non-GM client, and execute it on the client machine (using the client's modifier bucket).</p> <p>For example:</p> <p>/rem [!Per]</p>								
/remote [OtF] <player names> /rem [OtF] <player names>	Execute the On-the-Fly formula on the computer of each connected player in <player names> (GM players are ignored). If a player name contains a space, it must be surrounded by single or double quotes.								
/sendmb	Send your modifier bucket to every player								
/sendmb <playernames>	Send your modifier bucket to <playernames>. If a player name contains a space, it must be surrounded by single or double quotes.								
/sendmb [On-the-Fly modifier]	<p>Set every player's modifier bucket equal to the On-the-Fly modifier. It must be a single OtF modifier formula, but the formula may include multiple bonuses separated by &.</p> <p>For example:</p> <p>/sendmb [+2 luck & +1 magic +3 because I said so!]</p>								
/sendmb [OtF mod] <playernames>	As above, but only send the OtF modifier formula to the named players. If a player name contains a space, it must be surrounded by single or double quotes.								

Some example chat macros

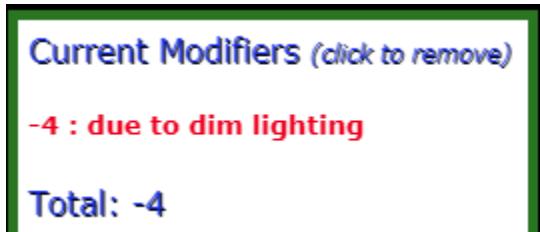
The party enters a dark room and you want them to make a Blind roll vs their perception, at a -4 due to the dim light. Create a "chat" macro like this:

```
/clearmb  
/r [-4 due to dim lighting]  
/sendmb  
You have entered a dark room, please click [!PER]
```

And it will display in their chat log as:



And each player's Modifier Bucket will look like:



Of course, with the newer commands, the same thing can be accomplished with:

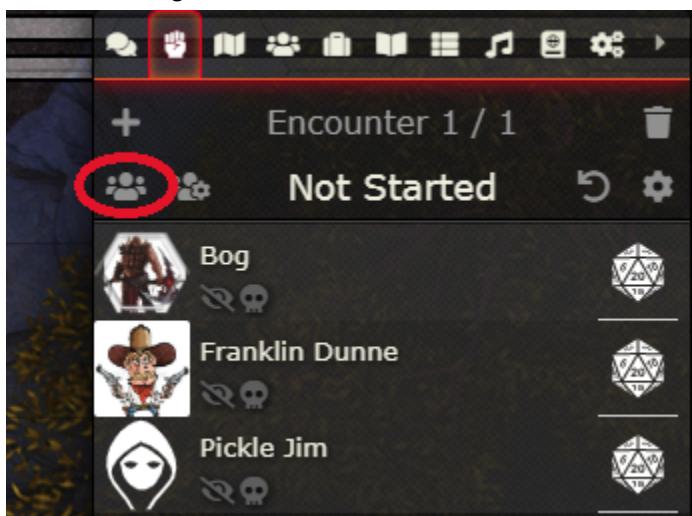
```
/sendmb [-4 due to dim lighting]  
You have entered a dark room, please click [!PER]
```

F.A.Q / “How To”

How do I roll for initiative?

When I roll for initiative, I get this weird number that is greater than basic speed.

The Game Aid uses the GURPS turn order to determine who goes first in a round. The GM can roll for initiative using the combat tracker window. Click the circled button to roll initiative for everyone.



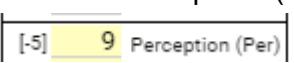
The character with the highest basic speed goes first, then if tied, the character with the highest DX, and then finally, a 1d6 roll. This is evaluated from this formula: "@basicspeed.value + (@attributes.DX.value / 10000) + (1d6 / 100000)". Which combines all of those tests into a single number. Example:

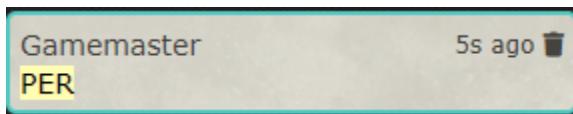
Basic Speed: 6.5, DX: 13, 1d6: 4 => 6.50134

Basic Speed: 5.25, DX: 11, 1d6: 6 => 5.25116

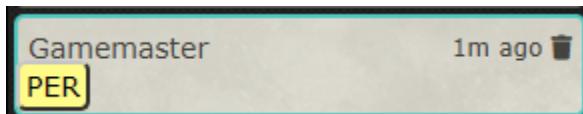
Basic Speed: 6.0, DX: 12, 1d6: 1 => 6.00121

As a player, how do I roll a Perception check?

Look on your character sheet for an attribute labeled "Perception" (or "Per") and click the number highlighted in yellow, which may look something like this:  NOTE: This attribute is not displayed on the Simplified character sheet. Also, your GM might send you a chat message that looks like:



If you move your mouse over it, it will become a button that you can press to roll against your character's Perception (PER) value.

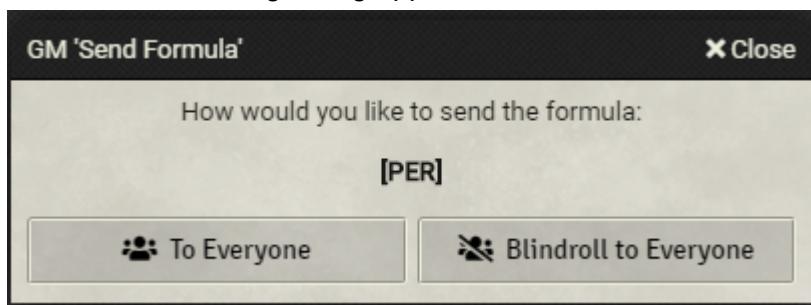


How do I request a Perception roll from my players?

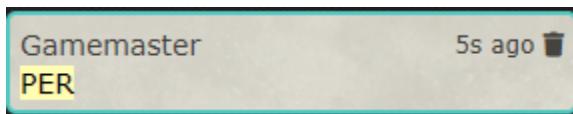
As the GM, you have a few options.

1. You can ask them to click the PER attribute on their characters sheets. NOTE: The Simplified character sheet does not have a PER attribute.

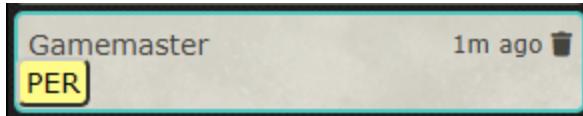
2. You can right click on the PER attribute of ANY of the other character sheets, and select "To Everyone" when the following dialog appears:



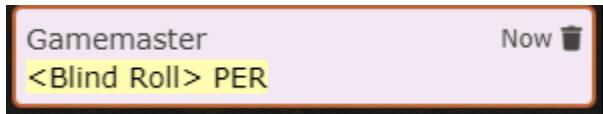
This will create a "button" in everyone's chat log:



And when they hover their mouse over it, it will appear as a button which they can click:



If you select “Blindroll to Everyone” it will display this in everyone’s chat log:

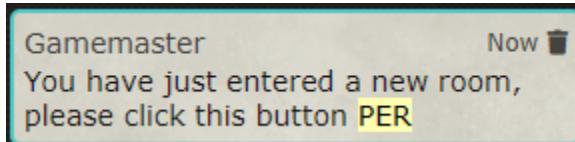


And if they click on it, it will whisper the results to the GM and they will not be able to see the results (i.e. “Blind”).

3. You can send a chat message and include the **On-the-Fly** formula [PER] (or [Per]). For example:

You have just entered a new room, please click this button [PER]

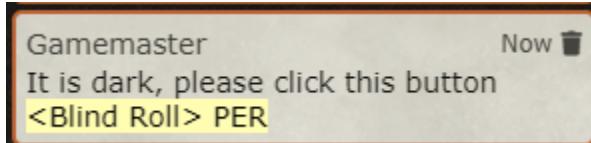
Which will appear in everyone’s chat log as:



3a. You can send a chat message and include the On-the-Fly formula [!PER] (or [!Per]). This will request a Blind Roll from the players (a roll where they do not see the result). For example:

It is dark, please click this button [!PER]

Which will appear in everyone’s chat log as:



4. You can have your players use the Foundry chat roll function, with the following formula:

```
/roll 3d6ms@attributes.PER.value  
/r 3d6ms@attributes.PER.value
```

~~Which rolls 3d6 and computes the margin of success versus the character’s PER (perception) value. However, doing so will use Foundry’s roll chat message (which doesn’t look as good as ours IMHO).~~

Don’t do this. Instead your players can roll Perception for themselves by entering the following command into their own chat:

```
/roll [PER]  
or  
/r [Per]
```

What data paths can I use when building a Foundry roll?

As per <https://foundryvtt.com/article/dice/> you can add “attributes” from your character to a roll formula. We support the following data paths:

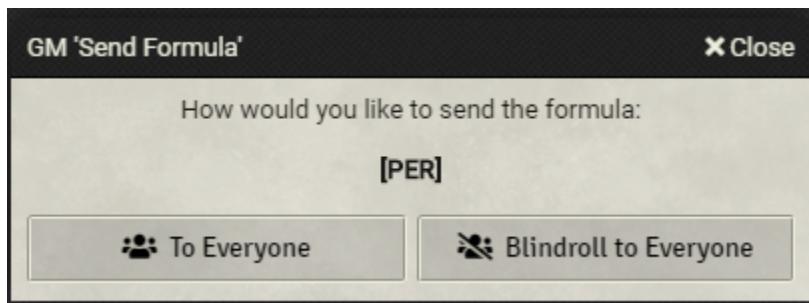
attributes.ST.value
attributes.DX.value
attributes.IQ.value
attributes.HT.value
attributes.WILL.value
attributes.PER.value
HP.value
FP.value
dodge.value
basicmove.value
basicsspeed.value
parry
frightcheck
hearing
tastesmell
vision
touch
gmod - this is the “global modifier”, the number in the modifier bucket
gmodc - as above, but this will clear the modifier once it is used
As of v0.8.11:
currentmove - based on your encumbrance
currentdodge - based on your encumbrance
equippedparry - the parry value of the first equipped weapon
equippedblock - the block value of the first equipped “weapon” (shield)

NOTE: You will probably only need to know these values if you are using a module (like [Token Tooltip Alt](#)).

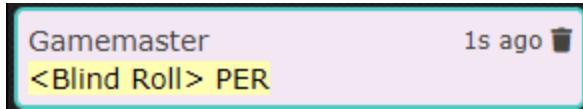
How do I request a “Blind” Perception roll? I don’t want my players to know if they have succeeded

As the GM, you can:

1. Right click on the PER attribute of ANY of the other character sheets, and select “Blindroll to Everyone” when the following dialog appears:



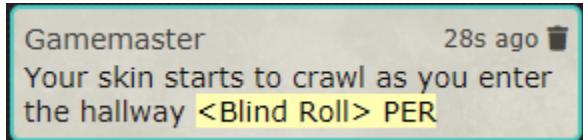
This will create a “button” in everyone’s chat log:



2. Send a chat message and include the On-the-Fly formula [!PER] (or [!Per]). For example:

Your skin starts to crawl as you enter the hallway [!PER]

Which will appear as:



3. Have your players use the Foundry chat blind roll function, with the following formula:

~~/blindroll 3d6ms@attributes.PER.value~~
~~/br 3d6ms@attributes.PER.value~~

~~Which rolls 3d6 and computes the margin of success versus the character's PER (perception) value. However, doing so will use Foundry's roll chat message (which doesn't look as good as ours IMHO).~~

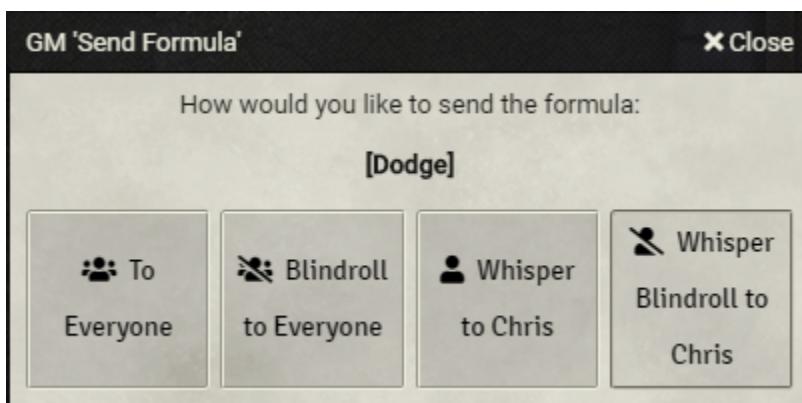
Don't do this. Instead your players can Blind roll Perception for themselves by entering the following command into their own chat:

/roll [!PER] note the "!"
or
/r [!Per]

How do I ask a specific player for a roll / blindroll?

As the GM, you can:

1. Open the player's character sheet and right click on the rollable (yellow) or modifier (orange) that you want to send. The "Send Formula" dialog will appear:



With options to send to this specific player (as a whisper) as a roll or a blindroll.

2. Send a whisper to the player and include the appropriate [On-the-Fly](#) formula. For example:

/whisper Chris Please roll [Dodge] to avoid the falling rock

Which will appear in Chris's chat log as:

Gamemaster 9s ago
Please roll Dodge to avoid the falling rock

3. Have the player use the Foundry chat roll function

*/roll 3d6ms@dodge.value
#3d6ms@dodge.value*

Which rolls 3d6 and computes the margin of success versus the character's PER (perception) value. However, doing so will use Foundry's roll chat message (which doesn't look as good as ours IMHO).

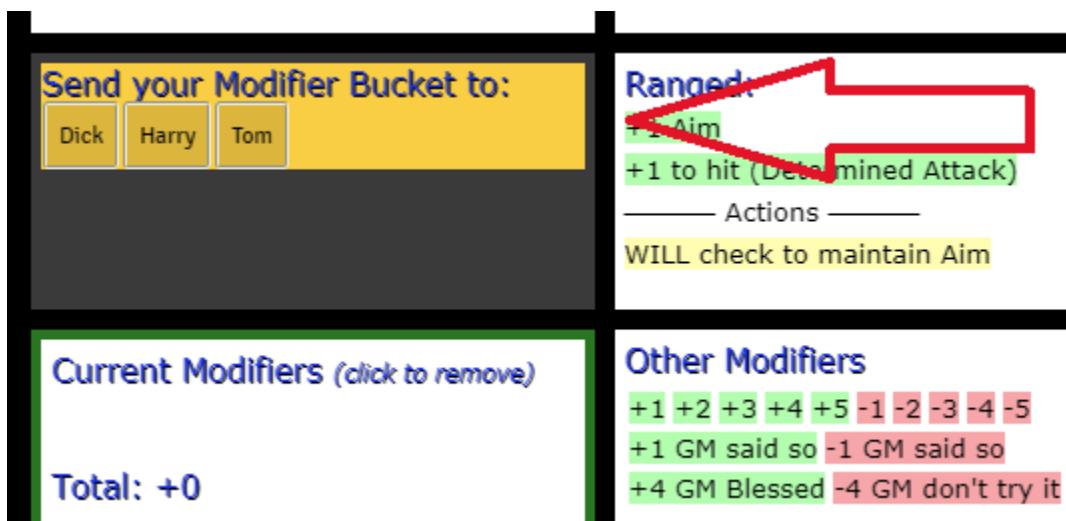
Don't do this. Instead your players can roll Dodge for themselves by entering the following command into their own chat:

*/roll [DODGE]
or
/r [Dodge]*

Can I apply a global modifier to everyone's next roll?

Yes.

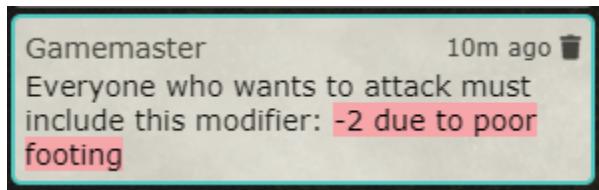
1. You can create/build up the modifier in your bucket, and then use the "Send your Modifier Bucket" buttons on the Modifier tooltip:



2. You can send the modifier in the chat, and the players can click on it if necessary. Of course, this doesn't automatically apply it to their bucket, but it does make it available for everyone. For example, you can send the chat message:

Everyone who wants to attack must include this modifier: [-2 due to poor footing]

Which will appear in everyone's chat log as:



And the players can click on it as needed.

3. You can create a chat macro to build up a set of modifiers and send them to everyone. Create a "chat" macro (not a "script" macro), and enter:

```
/clearmb  
/roll [-2 due to poor footing]  
/sendmb
```

This will clear your own Modifier Bucket, execute the **On-the-Fly** formula "-2 due to poor footing" which will add it to your Modifier Bucket, and then send it to everyone.

How can I roll against a RollTable using the Modifier Bucket in a "script" macro?

To roll against the "Critical Head Blow" table, create a "script" macro (not a "chat macro") and enter:

```
let r = new Roll("3d6 + @mod", { mod: GURPS.ModifierBucket.currentSum() })  
game.tables.getName("Critical Head Blow").draw({roll:r})
```

And if you want to clear the Modifier Bucket after the roll, just add:

```
GURPS.ModifierBucket.clear()
```

Can I add the Modifier Bucket to the RollTable formula (without making a macro)? (e.g. Reaction tables)

Yes! You can add "+ @gmod" to add in the global modifier (what is showing in the modifier bucket), or "+ @modc" which will add the modifier to the table roll, and then clear it.

Table Configuration: Critical Hit



Critical Hit

Table Description

```
No <i>Active Defense</i>.
```

Roll Table Formula

3d6 + @gmodc

Modules

Here is a list of highly recommended modules:

[Expander](#)

[GM Notes](#)

[Permission Viewer](#)

[Pings](#)

[Token Tooltip Alt](#)

We have built a configuration for Token Tooltip Alt. The GMs and owners will see the full layout, Players will only see a text representation of the NPC's status.

We set it up so that it displays:

Current HP/Max HP

Current FP/Max FP

Current Move

Dodge / Parry / Block **

Perception

** If the character does not have block, then it is displayed as "D: <dodge>/P:<parry>"

And Players looking at NPCs, will only see a text message with some indication of health. The NPC heart is black for hostile, blue(purple?) for neutral and green for friendly.

The NPC text is

HP < -HP MAX: "Critically wounded"

HP <= 0 : "Severely wounded"

HP <= 1/3 HP MAX: "Wounded"

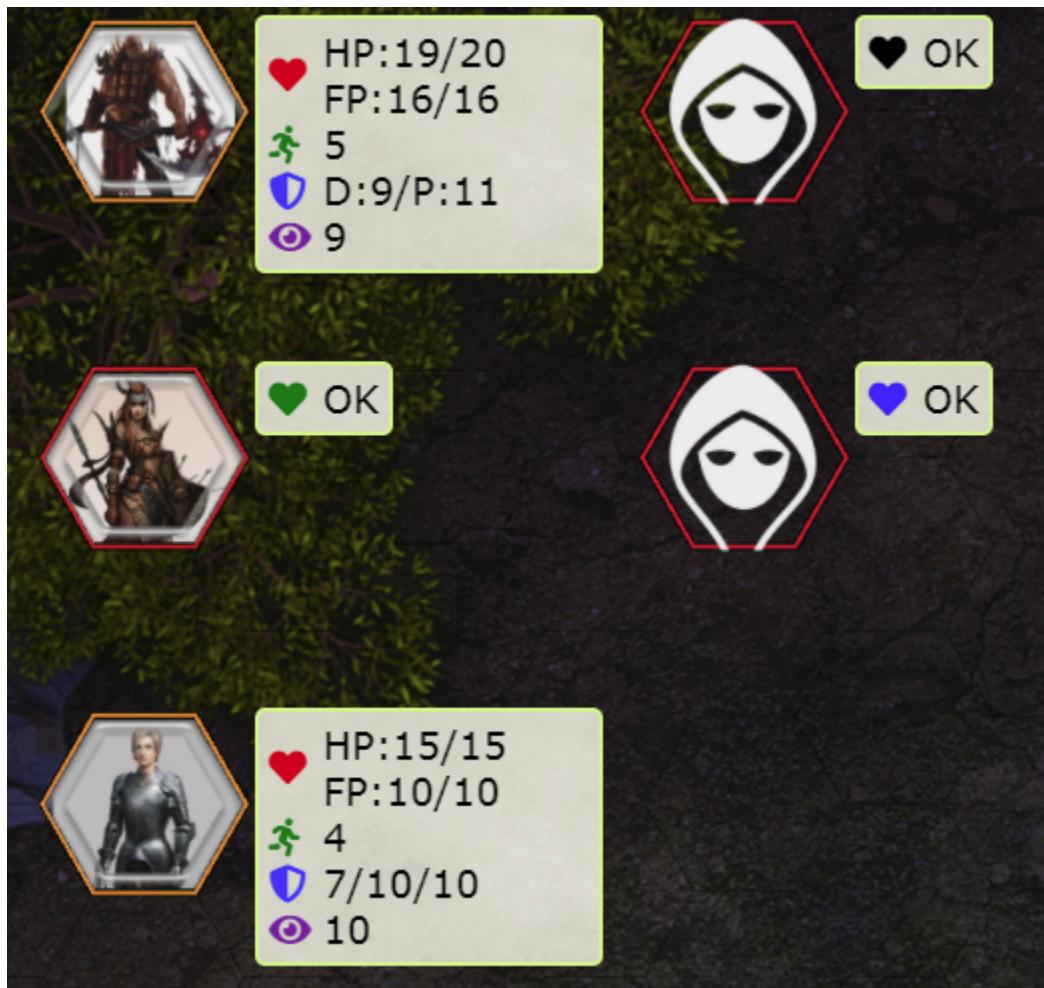
FP < -FP MAX: "Unconscious"

FP <= 0 : "Barely Conscious"

FP <= 1/3 FP MAX: "Tired"

If neither wounded or tired, then it will show "OK". So an NPC that is 1/2 HP and 1/2 FP will still show as "OK" (since the Players wouldn't really know... not in the heart of battle, IMHO)

Of course you can change this yourself... but I warn you... editing the config is dangerous... one small error and nothing displays. No error, no nothing. I spent a lot of time trying to get this to work... just so all of you wouldn't have to :grin:



You can download the configuration ([token-tooltip-alt-config.txt](#)) from this [ZIP file](#). You have to copy the text and paste it into Token Tooltip Alt's Tooltip Manager by using the "Import" button:

Token Tooltip Alt

Tooltip manager



Tooltip manager

X Close

Tooltip management

For more information, please refer to the [README](#)

Actor

Enable

Custom

Edit

default



character



Import

Export

And make certain that “Custom” is checked!

PDFoundry

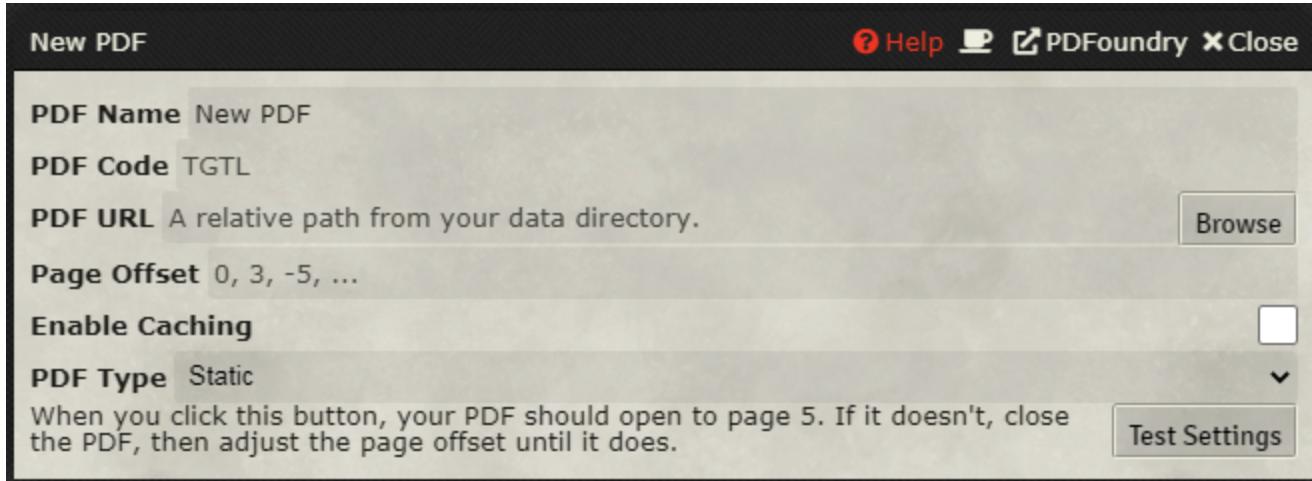
<https://foundryvtt.com/packages/pdfoundry/>

You may have noticed some blue underlined text on the character sheet:

Skills	SL	RSL	PTS	Ref
Lockpicking/TL3	12	IQ-1	1	B206
Innate Attack (Beam)	14	DX+4	8	B201
Mathematics	11	IQ-2	1	Lite 15
Writing	12	IQ-1	1	Lite 17
Acting	12	IQ-1	1	Lite 13
Diplomacy	11	IQ-2	1	Lite 15
First Aid/TL3	13	IQ+0	1	Lite 14
Knife	13	DX+3	8	Lite 15

These are page references to the various GURPS PDFs. If you have the PDFoundry module installed, you can define the location of your PDFs, and the character sheet will open them in game (and allow you to share them with your clients).

Once you have PDFoundry installed, open the “Journal” tab on the side bar, and click on the “Create PDF” button at the bottom. It will open this dialog:

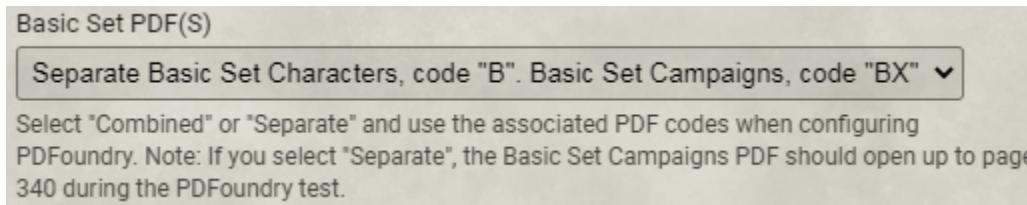


Click the Browse button to find your PDF. It will be copied into the Foundry folder.

NOTE: If you are remotely hosting your Foundry, this process may be more involved. You may have to use your remote host's facility to upload the file, and then add it to Foundry. In either case, the PDF will count against your storage limit.

Enter the PDF Code from this list: https://gurpscharactersheet.com/page_references.html (although the list is incomplete, you get the idea). "B" for Basic Set, "P" for Powers, etc.

NOTE: If you have separate Basic Set Characters and Campaigns PDFs, you can change the system setting "Basic Set PDF(s)"



Use "B" for the Basic Set Characters PDF, and "BX" for the Basic Set Campaigns PDF. Now click on the "Test Settings" button. It will open the PDF to page 5 (note, if testing the separate Basic Set Campaigns PDF "BX", it should open to page 340 instead). If it opens to a different page, enter the difference in "Page Offset".

Click "Close" (there is no "save" button).

Now all "Ref" columns and On-the-Fly entries like: "[PDF:B101]" can open to the PDF.

Dice so Nice!

<https://foundryvtt.com/packages/dice-so-nice/>

This has nothing to do with this game aid. But it is SUCH A NEAT module, you have to install it. The game just loses something if you can't see dice rolling across the table. Trust me. It is definitely worth the 10 seconds it takes to install and enable.

Chat Portrait

<https://foundryvtt.com/packages/chat-portrait/>

Again, nothing to do with our game aid, but it adds such a nice feature to the chat log:



It is an Alpha (maybe a Beta)?!

We have come a long way. The system is playable, but there are still things we need to add or fix. We try to keep a running list of the things we are working on or the things we have completed, below. Feel free to comment below if you have a feature you would like added, or you find a bug. Or make an issue here:

<https://github.com/crnormand/gurps/issues>

Chrome vs Firefox

We have found that the user interface works fine in Chrome. Unfortunately, there may be some layout issues with Firefox, and we don't have the time (or the skills) to figure out why. So for now, we HIGHLY recommend having all of your clients connect using Chrome.

(That said, I've had a good experience using the MS Edge browser, which is based on Google's Chrome, even on Macintosh. — Nick)

Form vs Function

Or put another way, "looks good" vs "works good". This is still a very young project, and as such, we have focused more on the "works good" than "looks good". If you notice a visual flaw, feel free to add it as a comment below or add it as an issue here: <https://github.com/crnormand/gurps/issues>, but remember, we are still working on getting everything working.

TO DO. What is "on the list"?

My list of TODO items grows constantly. Once I learn how to do something in Foundry, it makes me think of a new feature I might add. **I am constantly adding to this list... seriously... you might be reading this right now, and I might be editing it. ;)**

My current TODO list, in no particular order (and this is my "dev speak", so if it doesn't mean anything to you, don't take this personally). Items with a check mark have been completed... but if you think of something, feel free to add a comment.

sections to add: User notes. Resource trackers.

- ✓ Localization (yes, I know I was supposed to be doing this all along).
We have some... but do we have enough?
- ✓ Add 3d6 roll button on desktop
- ✓ Fix missing b378 message in damage chat
- ↳ Have character save import filename to reimport quickly (NOT POSSIBLE due to Javascript security)
- ✓ Bad PDF links go to SJG website
- ✓ Ability for certain modifiers to stack/add to themselves. “[-1 due to range] per hex” would sum up instead of duplicate.
- ✓ Critical success/failure
- ✓ Allow limited editing of items (for temporary effects)
- ✓ Allow drag and drop from “other” equipment to “carried”, for GCA import (everything is other)
- ✓ Disable Parry of “No”. It shouldn’t be able to roll.
- ✓ Add a status of “recipient of deceptive/telegraphic attack” to let user know they have +/- to def roll
- ✓ Fix ModifierBucket z-index issue. Need to create 2 applications.. One hidden (z-index 999)
- ✓ Fix Roll chat messages to use template and set type to ROLL for module compatibility
- ✓ Map status effects to modifiers. Create GURPS specific statuses (partially complete v0.6.5)
- ✓ Fix Initiative to use GURPS Basic Speed (then DX, then 1d6 in case of ties?) per RAW
- ✓ Get the Modifier Bucket to actually display the current (local) global modifier.
- ✓ Calculate the range modifier when targeting
- ✓ Apply Range modifier to global Modifier stack.
- ✓ Allow dragging a “damage” chat message to a character sheet (or entry in the combat tracker) to apply damage.

- ✓ When we drop damage, display a dialog with combat options (subtract DR per location, apply wound modifiers, etc.)
- ✓ Allow Items to be added as Equipment (so some can come from import, and some from the Items list).
- ✓ Build a dialog for Modifier Bucket to edit current list, and display list of common modifiers
- ✓ Allow GM to “send” current modifier stack to another player
- ✓ Allow GM to see the individual player’s modifier buckets
- ✓ Investigate “status effects” and define (or adapt to) standard GURPS statuses (Stunned, Shock, etc.) and see how they can add to the Modifier bucket.
- ✓ Build a combat focused character sheet
- ✓ Open a specialized combat-focused character sheet on the currently selected item in the combat tracker. Can we embed it in the tracker (and/or should we try)? In the Fantasy Ground combat tracker, you could expand an entry and it would show melee/ranged attacks and general defense options. I am wondering if we built yet-another character sheet, mainly for NPCs that only shows attributes (and not points), current level of encumbrance, dodge. Current HP/FP (and possible other resources, ER, CP, etc.), Melee/Ranged attacks. Skill names and level, and a compressed list of Advantage names. And (editable) character Notes, so the GM can add On-the-Fly formulas.
- ✓ Support other character sheets. Simplified/Gencon
 - “Old School” BasicSet character sheet
 - GCA Phoenix style character sheet (need outside help to get this done)
- ✓ Add button to quick cycle through character sheets
- ✓ Build Full GCS export template
- ✓ Build better GCA export VBScript
- ✓ Make character sheet “macro-able”, so that players can build script macros

- ✓ Enhance GCS output to support hierarchy of Advantages, Skills and Spells (containership)
- ✓ Saved/named Buckets or Bucket presets (regular collections of well used modifiers) to macrobar
- ✓ Remove +0 for range from Ruler
- ✓ Add UP/DOWN buttons to FP / HP title bar to quickly change value
- ✓ Extra effort. [+1 Feverish Defense *Cost 1FP] / [-4 to hit *Max:9] "Charge Attack"
- ✓ [Heroic Charge *Cost 1FP] ? NO bonus, but applies cost if used
- ✓ Would it be possible to tie GCS export/FVTT import into a single process? Foundry requests directly from running instance of GCS.
- ✓ Parse chat messages for "gurpslinks" (allows On-the-Fly text in rollable tables)
- ✓ GM sends "just roll under this" /w playername [ST12] or [Stealth - 5].
- ✓ Add error reporting to the import process. Send a chat message concerning the success or failure of a character import (so the player doesn't have to know how to bring up the debugger). Partially works. A bad parse error in the XML is hidden.
- ✓ Last skill or advantage in list display at the bottom of the area (especially noticeable if sizes very different)
- ✓ System settings:
 - ✓ Which RANGE rules to use (BasicSet / Monster Hunters)
 - ✓ Display Change Log
 - Setting to change Simplified sheet hit locations (1 vs all)
 - Organize system settings (currently first added, first displayed)
 - ✓ Tooltip over DR locations showing equipment
 - ✓ System setting to turn off mod tool tip and range modifier
- Change game direction/rotation so that it doesn't rotate the icon, but instead rotates an arrow or better yet, a colored border (indicating front, side and back hexes) kind of like [Custom GURPS Token Hex for VTTs](#)
Use <https://foundryvtt.com/packages/about-face/> (it does this already)
- Add "Combat Notes" display under Melee/Ranged (discussed in issue #327)
- ✓ Add [Dodge] to OtF formulas
- ✓ Add Attacks (melee/ranged) to OtF formulas
- ✓ Revamp OtF formula parsing to allow quotes to enclose spaces
- ✓ Create Blind Roll mechanic for OtF formulas
- Drag and drop visual/sound effects from a palette (compendium) to an "item" on a character sheet and if the user has selected a target, and a roll on that "item" succeeds, display the effect on the target.
- ✓ NPC import sheet (allows GM to quickly create low level npcs)
- ✓ Build "stat block" free form text importer to easily create NPCs/monsters
- GCS Conditional Modifiers?
- Add a GM note to character sheets that only the GM can edit and see
<https://foundryvtt.com/packages/gm-notes/>
- Check permissions for editing/viewing sheets.
- ✓ From a user: I would like to create the following: I draw a polygon and with the help of the Multilevel Token Mod execute a macro whenever a token moves on that polygon. This macro should return a blind GM roll in the chat with the result of a Vision (Hearing, Taste Smell, etc.) roll. It would be great if that chat entry looked like the ones you already have in place for Success Rolls [Roll vs Vision (12) 11 Success! made it by 1]. But since I am not a coder I have no idea how to do that. Best I have come up so far is `/br 3d6ms<=(@vision)`. I think it would help if we rewrite gurps.js-onRoll() to use a template instead of concatenate strings.
This can be accomplished by "rolling" On-the-Fly formulas. EX: `/r [!Vision]`

- ✓ Permit the user to define hit locations not supported in GCS, specifically the humanoid hit-locations from Low Tech. I was able to create them using a library for Low Tech Instant Armour but was not able to tell GCS to provide DR for locations not defined in GCS. May not be possible. @JamesH
- ❑ Mild pain (-1) status effect
- ✓ Apply Modifier bucket to normal rolls “/r” or roll tables (gmod & gmodc)
- ❑ Add tabs to combat sheet for Ads, Skills, Spells & Equipment
- ✓ Support for Conditional Injury (Pyramid 120)
- ✓ Collapsible chat messages (to “hide” the damage result calculations)
- ❑ Support worlds with different G-force constants, especially for encumbrance and move/speed.
I can see G affecting encumbrance. And we could recalc which level they are at, based on the total equipment weight. But move/speed are calculated from DX and HT, I don’t see how they are affected by G.
- ✓ Add Parry and Block to On-the-Fly (search through melee). [Parry:2 hand]
- ✓ Right click to change qty or delete equipment
 - ✓ Add a visual control (button) to do so as well.
- ✓ Hold SHIFT key for private roll (GM)
- ✓ Added @gmod, @gmodc to roll macros
- ✓ Sync PC encumbrance, weapon parry/block with NPC parry/block, damage dodge
- ✓ Expand On-the-Fly to handle arbitrary targeted rolls (So GM can make players roll against a skill they do not own). EX: [S:skill:10] and a default? [S:skill(DX-4)]
- ❑ Chat functions for falling damage, throwing damage, etc. Based on current character’s ST/HP/HT?
- ✓ Chat functions for clearing modifier bucket, send bucket to player name, send to everyone
- ❑ Provide in-Foundry help for chat syntax for rolls, modifiers, etc... I wonder if we can programmatically build a Journal entry with all of this information in it?
 - ❑ Provide a point and click solution as well. Right now this feels like the Unix of game systems -- i.e., super powerful as long as you are comfortable with the command line.
- ❑ Ammo counter? Tied to equipment? # Shots: dec 1, all, reload
- ✓ Export GCS image. Is there a GCA image? Yes, there is a filename.
- ❑ Lost limb status (missing arm, leg, head ;-)
- ❑ Figure out all the magic mouse combinations and provide visual controls or indicators so the users know that they are there, and what they do. (I for one will never remember what is left-clickable, right-clickable, shift-clickable, ctrl-clickable,
- ✓ nor will I remember any of the special chat messages. (type /help)
- ✓ /roll [otf] be able to directly trigger an OtF formula instead of just displaying it
- ✓ Journal entries parse OtF
- ✓ Add support for the Chat Portrait module. Currently does not show on ‘targeted’ or ‘damage’ messages.
- ✓ Add ability to track other transient values: Control Points, Energy Reserve, etc. “additionalresources”. For resources/consumables (HP, FP, ER, CP, ammo, etc...) create a GUI control with increment/decrement + reset (reset the current count to the max) and other functionality (for example typing in a delta, like “+5” to add 5 points).
- ❑ Would it be possible to add the option for vehicle actors into the GURPS system? My particular interest is in setting up space ships using GURPS Spaceships 4e.
- ✓ A way to push a specific amount of damage, HP or FP, to players. Ex: “Everyone loses 2 FP”

- ✓ A way to reset HP/FP for everyone
- ✓ Add *Costs ?FP to damage OtF [2d burn *Costs 2FP]
- ✓ Get current parry/block based on equipped
- Open up Damage API so script macros can make/apply damage.
- ✓ Add copy to clipboard on Send to GM. Can't copy to clipboard, but can send to input window
- ✓ Allow X dmg (no dice roll)
- [S:Merchant<S:Streetwise<S:"Current Affairs"] where Streetwise and Current Affairs get rolled as complementary skills and automatically apply +1 or -1 to the Merchant roll
- Make hover headers for Mook Generator with format info from User Guide.
- Have Fright Check (and reaction rolls) display an OtF mod [+2 due to fright check] so GM can use that to roll against the Fright Check table (or reaction table)
- ✓ Also, is it also possible for the dice bucket modifier to be sent to everyone? So it should have something like [Everyone] button, besides individual players.
- Allow GMs to customize the modifier bucket
- ✓ Chat command to clear LastActor
- ✓ Chat command to set last actor
- Chat command to roll on table using gmod
- ✓ /hp /fp allow dice roll as well
- ✓ Skill check @Costs FP (for spell casts)
- Option to not receive notification after sending modifier buckets to players. Or get it on notification window.
- Also option to reset the bucket after sending.
- ✓ Refactor 'mapped' and 'attribute' OTF together (so mapped can be used in linked skills [S:Traps|Vision-5])
- ✓ Show last actor (to GM) over modifier bucket (system setting?)
- ✓ Allow doubleclick editing on NpcSheet
- ✓ How to open window for equipment.externallink

Disclaimer ;-)

Remember, this game system in the Alpha/Beta stage. Be gentle. Join us on [Discord](#) with suggestions / advice / questions / complaints.

If you like our work, why not buy us a cup of [coffee](#) ;-)



Legal

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