

Potion Content Licensing Guidance

1. General Terms

Any materials, including parts of this software library and documentation, provided herein and not being subject to any Specific License Terms (as referred herein below) shall be understood as free and unencumbered software released into the public domain.

Anyone is free to copy, modify, publish, use, compile, sell, distribute or otherwise exploit this software, either in source code form or as a compiled binary, for any purpose, commercial or non-commercial, and by any means.

As from the date when the software and documentation becomes publicly available following its decryption (the “**Date of Decryption**”) and to the maximum extent permitted by the applicable laws, Ripalia or the rights holders waive any and all intellectual property rights in and to the software and documentation, which shall therefore become part of the public domain (the “**Waiver**”). We make this Waiver for the benefit of the public at large and to the detriment of our heirs and successors. We intend this Waiver to be an overt act of relinquishment in perpetuity of all present and future rights to this software and related materials under any intellectual property laws. To the extent that the applicable laws in a particular jurisdiction do not allow a waiver such as the Waiver in connection with all or certain rights attributable to the authors of the software, it shall be understood that, as from the Date of Decryption, the authors or rights holders grant to any person, to the maximum extent possible under applicable law, a non-exclusive, transferable, irrevocable, royalty-free, world-wide and unlimited right (license) to use (including by means of sublicensing), exploit and exercise all intellectual property rights with respect to the software (including any related materials) for the whole period of their validity. These rights can be exercised on any media, supports and formats, whether now known or later invented, as far as the applicable law permits so.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

Important Notice: the software may incorporate externally developed and/or maintained libraries which have their own Licenses (“Specific License Terms”); we recommend you read them, as their terms may differ from the terms above. Those external software libraries that are subject to Specific License Terms, along with the relevant Specific License Terms at the date or release of the software are identified below.

2. Specific License Terms

2.1. MIT licensed software dependencies

The software libraries listed in section 2.1.1. below are licensed by their respective authors under general MIT license terms.

2.1.1. List of libraries subject to MIT license

potion-protocol/potion-d app					
Name	License	Link	Remote Version	Installed Ver.	Author
@ethersproject/abi	MIT	https://github.com/ethers-io/ethers.js.git	5.5.0	5.4.0	Richard Moore <me@ricmoo.com>
@ethersproject/address	MIT	https://github.com/ethers-io/ethers.js.git	5.5.0	5.4.0	Richard Moore <me@ricmoo.com>
@ethersproject/bignumber	MIT	https://github.com/ethers-io/ethers.js.git	5.5.0	5.4.1	Richard Moore <me@ricmoo.com>
@ethersproject/bytes	MIT	https://github.com/ethers-io/ethers.js.git	5.5.0	5.4.0	Richard Moore <me@ricmoo.com>
@ethersproject/constants	MIT	https://github.com/ethers-io/ethers.js.git	5.5.0	5.4.0	Richard Moore <me@ricmoo.com>
@ethersproject/contracts	MIT	https://github.com/ethers-io/ethers.js.git	5.5.0	5.4.1	Richard Moore <me@ricmoo.com>

@ethersproject/providers	MIT	https://github.com/ethers-io/ethers.js.git	5.5.2	5.4.3	Richard Moore <me@ricmoo.com>
@ethersproject/units	MIT	https://github.com/ethers-io/ethers.js.git	5.5.0	5.4.0	Richard Moore <me@ricmoo.com>
@types/lodash	MIT	https://github.com/DefinitelyTyped/DefinitelyTyped.git	4.14.178	4.14.170	n/a
babel-runtime	MIT	https://github.com/babel/babel/tree/master/packages/babel-runtime	6.26.0	6.26.0	Sebastian McKenzie
billboard.js	MIT	https://github.com/naver/billboard.js.git	3.3.0	3.1.5	NAVER Corp.
core-js	MIT	https://github.com/zloirock/core-js.git	3.20.3	3.6.5	n/a
dayjs	MIT	https://github.com/iamkun/dayjs.git	1.10.7	1.10.4	iamkun
lodash-es	MIT	https://github.com/lodash/lodash.git	4.17.21	4.17.21	John-David Dalton
scroll-lock	MIT	https://github.com/FL3NKEY/scroll-lock.git	2.1.5	2.1.5	FL3N
tippy.js	MIT	https://github.com/atomiks/tippyjs.git	6.3.7	6.3.1	atomiks
v-click-outside	MIT	https://github.com/ndelvalle/v-click-outside.git	3.1.2	3.1.2	ndelvalle
vue	MIT	https://github.com/vuejs/vue.git	2.6.14	2.6.11	Evan You
vue-router	MIT	https://github.com/vuejs/vue-router.git	3.5.3	3.2.0	Evan You
vue-toastification	MIT	https://github.com/Maronato/vue-toastification.git	1.7.14	1.7.11	Gustavo Maronato
vuex	MIT	https://github.com/vuejs/vuex.git	3.6.2	3.4.0	Evan You
@arkweid/lefthook	MIT	https://github.com/evilmartians/lefthook.git	0.7.7	0.7.6	Arkweid
@babel/core	MIT	https://github.com/babel/babel.git	7.16.12	7.13.1	The Babel Team (https://babel.dev/team)
@tailwindcss/aspect-ratio	MIT	https://github.com/tailwindlabs/tailwindcss-aspect-ratio.git	0.2.2	0.2.1	n/a
@tailwindcss/forms	MIT	https://github.com/tailwindlabs/tailwindcss-forms.git	0.3.4	0.3.2	n/a
@tailwindcss/postcss7-compat	MIT	https://github.com/tailwindlabs/tailwindcss.git	2.2.17	2.1.0	n/a
@types/jest	MIT	https://github.com/DefinitelyTyped/DefinitelyTyped.git	26.0.24	26.0.23	n/a

@types/lodash-es	MIT	https://github.com/DefinitelyTyped/DefinitelyTyped.git	4.17.5	4.17.4	n/a
@typescript-eslint/eslint-plugin	MIT	https://github.com/typescript-eslint/typescript-eslint.git	4.33.0	4.21.0	n/a
@vue/cli-plugin-babel	MIT	https://github.com/vuejs/vue-cli.git	4.5.15	4.5.0	Evan You
@vue/cli-plugin-eslint	MIT	https://github.com/vuejs/vue-cli.git	4.5.15	4.5.0	Evan You
@vue/cli-plugin-router	MIT	https://github.com/vuejs/vue-cli.git	4.5.15	4.5.0	Evan You
@vue/cli-plugin-typescript	MIT	https://github.com/vuejs/vue-cli.git	4.5.15	4.5.12	Evan You
@vue/cli-plugin-unit-jest	MIT	https://github.com/vuejs/vue-cli.git	4.5.15	4.5.0	Evan You
@vue/cli-plugin-vuex	MIT	https://github.com/vuejs/vue-cli.git	4.5.15	4.5.0	Evan You
@vue/cli-service	MIT	https://github.com/vuejs/vue-cli.git	4.5.15	4.5.0	Evan You
@vue/eslint-config-prettier	MIT	https://github.com/vuejs/eslint-config-prettier.git	6.0.0	6.0.0	Evan You
@vue/eslint-config-typescript	MIT	https://github.com/vuejs/eslint-config-typescript.git	7.0.0	7.0.0	Evan You
@vue/test-utils	MIT	https://github.com/vuejs/vue-test-utils.git	1.3.0	1.0.3	vuejs
autoprefixer	MIT	https://github.com/postcss/autoprefixer.git	9.8.8	9	Andrey Sitnik
babel-eslint	MIT	https://github.com/babel/babel-eslint.git	10.1.0	10.1.0	Sebastian McKenzie
babel-loader	MIT	https://github.com/babel/babel-loader.git	8.2.3	8.2.2	Luis Couto <hello@luiscouto.pt>
eslint	MIT	https://github.com/eslint/eslint.git	7.32.0	7.23.0	Nicholas C. Zakas
eslint-plugin-prettier	MIT	https://github.com/prettier/eslint-plugin-prettier.git	3.4.1	3.1.3	Teddy Katz
eslint-plugin-vue	MIT	https://github.com/vuejs/eslint-plugin-vue.git	7.20.0	7.8.0	Toru Nagashima
ethers	MIT	https://github.com/ethers-io/ethers.js.git	5.5.3	5.4.4	Richard Moore <me@ricmoo.com>
lint-staged	MIT	https://github.com/okonet/lint-staged.git	10.5.4	10.5.4	Andrey Okonetchnikov
postcss	MIT	https://github.com/postcss/postcss.git	7.0.39	7	Andrey Sitnik
postcss-nested	MIT	https://github.com/postcss/postcss-nested.git	4.2.3	4.2.3	Andrey Sitnik
prettier	MIT	https://github.com/prettier/prettier.git	2.5.1	2.2.1	James Long

tailwind-config-viewer	MIT	https://github.com/rogden/tailwind-config-viewer.git	1.6.3	1.5.0	Ryan Ogden
vue-cli-plugin-webpack-bundle-analyzer	MIT	https://github.com/mrbbot/vue-cli-plugin-webpack-bundle-analyzer.git	4.0.0	4.0.0	MrBBot
vue-template-compiler	MIT	https://github.com/vuejs/vue.git	2.6.14	2.6.11	Evan You
phosphoricons	MIT	https://github.com/phosphor-icons/phosphor-home			Helena Zhang
potion-protocol/potion-subgraph					
Name	License	Link	Remote Version	Installed Ver.	Author
matchstick-as	MIT	https://registry.npmjs.org/matchstick-as/-/matchstick-as-0.2.0.tgz	0.2.0	0.2.0	LimeChain
@arkweid/lefthook	MIT	https://github.com/evilmartians/lefthook.git	0.7.7	0.7.6	Arkweid
@types/node	MIT	https://github.com/DefinitelyTyped/DefinitelyTyped.git	14.18.9	14.14.35	n/a
@typescript-eslint/eslint-plugin	MIT	https://github.com/typescript-eslint/typescript-eslint.git	4.33.0	4.27.0	n/a
eslint	MIT	https://github.com/eslint/eslint.git	7.32.0	7.28.0	Nicholas C. Zakas
eslint-config-prettier	MIT	https://github.com/prettier/eslint-config-prettier.git	8.3.0	8.3.0	Simon Lydell
eslint-plugin-prettier	MIT	https://github.com/prettier/eslint-plugin-prettier.git	3.4.1	3.4.0	Teddy Katz
ethers	MIT	https://github.com/ethers-io/ethers.js.git	5.5.3	5.3.1	Richard Moore <me@ricmoo.com>
mustache	MIT	https://github.com/janl/mustache.js.git	4.2.0	4.1.0	mustache.js Authors
prettier	MIT	https://github.com/prettier/prettier.git	2.5.1	2.3.1	James Long
ts-node	MIT	https://github.com/TypeStrong/ts-node.git	10.4.0	10.0.0	Blake Embrey
potion-analytics/potion-analytics-thicc					

Name	License	Link	Remote Version	Installed Ver.	Author
plotly	MIT	https://github.com/plotly/plotly.py	5.6.0	>=5.1.0	Nicolas Kruchten
vaex	MIT	https://github.com/vaexio/vaex	4.8.0	>=4.5.1	Maarten Breddels
vaex-hdf5	MIT	https://github.com/vaexio/vaex	0.12.0	>=0.10.0	Maarten Breddels
vaex-core	MIT	https://github.com/vaexio/vaex	4.8.0	>=4.5.1	Maarten Breddels
kaleido	MIT	https://github.com/plotly/Kaleido	0.2.1.post1	>=0.2.1	Jon Mease
pycoingecko	MIT	https://github.com/man-c/pycoingecko	2.2.0	>=2.2.0	Manolis Christoforou
gql	MIT	https://github.com/graphql-python/gql	3.0.0	>=2.0.0	Hanusz Leszek
graphql-core	MIT	https://github.com/graphql-python/graphql-core	3.2.0	>=2.3.2	Christoph Zwerschke
streamlit-aggrid	MIT	https://github.com/PablocFonseca/streamlit-aggrid	0.2.3.post2	>=0.2.2.post4	Pablo Fonseca
npeet	MIT	https://github.com/gregversteeg/NPEET	@d562b77	@d562b77	Greg Ver Steeg
pycoingecko	MIT	https://github.com/man-c/pycoingecko	2.2.0	>=2.2.0	Manolis Christoforou
gql	MIT	https://github.com/graphql-python/gql	3.0.0	>=2.0.0	Hanusz Leszek
graphql-core	MIT	https://github.com/graphql-python/graphql-core	3.2.0	>=2.3.2	Christoph Zwerschke
streamlit-aggrid	MIT	https://github.com/PablocFonseca/streamlit-aggrid	0.2.3.post2	>=0.2.2.post4	Pablo Fonseca
npeet	MIT	https://github.com/gregversteeg/NPEET	@d562b77	@d562b77	Greg Ver Steeg
potion-analytics/interactive-WPs					
Name	License	Link	Remote Version	Installed Ver.	Author
autopep8	MIT	https://github.com/hhatto/autopep8	1.5.7	1.6.0	Hideo Hattori
black	MIT	https://github.com/psf/black	21.7b0	22.1.0	Łukasz Langa
celluloid	MIT	https://github.com/jwkvam/celluloid	0.2.0	0.2.0	Jacques Kvam

joypy	MIT	http://github.com/leotac/joypy	0.2.5	0.2.6	Leonardo Taccari
plotly	MIT	https://plotly.com/python/	5.1.0	5.6.0	Chris P
spectra	MIT	http://github.com/jsvine/spectra	0.0.11	0.0.11	Jeremy Singer-Vine
tqdm	MIT	https://tqdm.github.io	4.62.1	4.62.3	casperdcl

2.1.2. Terms of the MIT License (MIT)

Unless expressly referred to in the individual license provided through the link referred in section 2.1.1 herein, the terms of the MIT License, applicable to the pieces of software identified in section 2.1.1. above (referred to below in this section as the “Software”), as at the date hereof are as follows:

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

2.2. GNU Licensed Software Dependencies

The software libraries listed in section 2.2.1. below are licensed by their respective authors under GNU General Public License terms.

2.2.1. List of libraries subject to GNU General Public License

potion-analytics /interactive-WPs					
Name	License	Link	Remote Version	Installed Ver.	Author
pylint	GNU General Public License v2 (GPLv2)	https://pylint.org/	2.9.6	2.12.2	Python Code Quality Authority
pdoc3	AGPLv3	https://github.com/pdoc3/pdoc	0.10.0	>=0.8.1	kernc

2.2.2. GNU Library General Public License notice

Unless expressly referred to in the individual license provided through the link referred in section 2.2.1, the terms of the GNU General Public License, applicable to the pieces of software identified in section 2.2.1. above (referred to below in this section as “this library”), as at the date hereof can be found in the following link <https://www.gnu.org/licenses/gpl-3.0.html> and comprise the following notice:

This library is free software; you can redistribute it and/or modify it under the terms of the GNU Library General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version.

This library is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU Library General Public License for more details.

You should have received a copy of the GNU Library General Public License along with this library; if not, write to the Free Foundation, Inc., 59 Temple Place, Suite 330, Boston, MA 02111-1307 USA

2.3. Apache 2.0 Licensed Software Dependencies

The software libraries listed in section 2.2.1. below are licensed by their respective authors under Apache 2.0 license terms.

2.3.1. List of libraries subject to Apache 2.0 license:

potion-protocol/potion-d app					
Name	License	Link	Remote Version	Installed Ver.	Author
lightweight-charts	Apache-2.0	https://github.com/tradingview/lightweight-charts.git	3.7.0	3.5.0	TradingView
redaxios	Apache-2.0	https://github.com/developit/redaxios.git	0.4.1	0.4.1	Jason Miller
comlink-loader	Apache-2.0	https://github.com/GoogleChromeLabs/comlink-loader.git	2.0.0	2.0.0	The Chromium Authors
typescript	Apache-2.0	https://github.com/Microsoft/TypeScript.git	4.5.5	4.2.3	Microsoft Corp.
potion-protocol/potion-s ubgraph					
Name	License	Link	Remote Version	Installed Ver.	Author
typescript	Apache-2.0	https://github.com/Microsoft/TypeScript.git	4.5.5	4.2.3	Microsoft Corp.
potion-analytics/potion- analytics-thicc					
Name	License	Link	Remote Version	Installed Ver.	Author
streamlit	Apache v2	https://github.com/streamlit/streamlit	1.5.1	>=0.89.0	Thiago Teixeira

yfinance	Apache v2	https://github.com/ranaroussi/yfinance	0.1.70	>=0.1.63	Ran Aroussi
requests	Apache v2	https://github.com/psf/requests	2.27.1	2.27.1	Kenneth Reitz
requests-toolbelt	Apache v2	https://github.com/requests/toolbelt	0.9.1	0.9.1	Ian Stapleton Cordasco
potion-analytics/interactive-WPs					
Name	License	Link	Remote Version	Installed Ver.	Author
ffmpeg-python	Apache-2.0	https://github.com/kkroening/ffmpeg-python	0.2.0	0.2.0	Karl Kroening
stqdm	Apache-2.0	https://github.com/Wirg/stqdm	0.0.4	0.0.4	Wirg
streamlit	Apache-2.0	https://github.com/streamlit/streamlit	1.3.1	1.5.1	tvst

2.3.2. Terms of the Apache License (Version 2.0, January 2004) (we kindly recommend reviewing the version in the links provided herewith)

Unless expressly referred to in the individual license provided through the link referred in section 2.3.1, the terms of the Apache License, applicable to the pieces of software identified in section 2.3.1. above may be found at the following link <http://www.apache.org/licenses/> and are reproduced below in its version in force as at the date hereof:

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition,

"control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

"Object" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition,

"Submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work

to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:

- (a) You must give any other recipients of the Work or Derivative Works a copy of this License; and*
- (b) You must cause any modified files to carry prominent notices stating that You changed the files; and*
- (c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and*
- (d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.*

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.

6. *Trademarks.* This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.

7. *Disclaimer of Warranty.* Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.

8. *Limitation of Liability.* In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.

9. *Accepting Warranty or Additional Liability.* While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "[]" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at <http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.

2.4. Berkeley Source Distribution (BSD) licenses Dependencies

The software libraries listed in section 2.4.1. below are licensed by their respective authors under the correspondent BSD license terms.

2.4.1. List of libraries subject to BSD License terms

potion-protocol/potion-dapp					
Name	License	Link	Remote Version	Installed Ver.	Author
heap-js	BSD-3-Clause	https://git@github.com:ignlg/heap-js.git	2.1.6	2.1.5	Ignacio Lago @ignlg
@typescript-eslint/parser	BSD-2-Clause	https://github.com/typescript-eslint/typescript-eslint.git	4.33.0	4.21.0	n/a
potion-protocol/potion-subgraph					
Name	License	Link	Remote Version	Installed Ver.	Author

@typescript-eslint/pa rser	BSD-2-Claus e	https://github.com/typescript-eslint/typescript-eslint.git	4.33.0	4.27.0	n/a
potion-analytics/pot ion-analytics-thicc					
Name	License	Link	Remote Version	Installed Ver.	Author
numpy	BSD License	https://github.com/numpy/numpy	1.22.2	>=1.20.3	Charles Harris
scipy	BSD License	https://github.com/scipy/scipy	1.8.0	>=1.7.1	Ralf Gommers
pandas	BSD License	https://github.com/pandas-dev/pandas	1.4.1	>=1.3.2	jbrockmendel
scikit-learn	BSD License	https://github.com/scikit-learn/scikit-learn	1.0.2	>=0.24.2	Olivier Grisel
h5py	BSD License	https://github.com/h5py/h5py	3.6.0	>=3.4.0	Thomas Kluyver
potion-analytics/int eractive-WPs					
Name	License	Link	Remote Version	Installed Ver.	Author
ipywidgets	BSD License	http://ipython.org	7.6.3	7.12.0	IPython Development Team
bokeh	BSD License	https://github.com/bokeh/bokeh	2.4.1	2.4.2	Bokeh Team
jupyter	BSD License	http://jupyter.org	1.0.0	1.0.0	Jupyter Development Team
jupyter-contrib-nbext ensions	BSD License	https://github.com/ipython-contrib/jupyter_contrib_nb_extensions.git	0.5.1	0.5.1	ipython-contrib and jupyter-contrib developers
jupyterlab	BSD License	https://jupyter.org	3.1.2	3.2.9	Jupyter Development Team

mpl-interactions	BSD License	https://github.com/ianhi/mpl-interactions	0.18.0	0.20.1	Ian Hunt-Isaak
numpy	BSD License	https://www.numpy.org	1.21.1	1.22.0	Travis E. Oliphant et al.
pandas	BSD License	https://pandas.pydata.org	1.3.1	1.4.1	The Pandas Development Team
scipy	BSD License	https://www.scipy.org	1.7.1	1.8.0	pv
seaborn	BSD License	https://seaborn.pydata.org	0.11.1	0.11.2	Michael Waskom
matplotlib	BSD Compatible License	https://matplotlib.org/stable/users/project/license.html	3.4.2	3.5.1	John D. Hunter, Michael Droettboom

2.4.2. Terms of the BSD License (we kindly recommend reviewing the version in the links provided herewith)

Unless expressly referred to in the individual license provided through the link referred in section 2.4.1, the terms of the BSD license, applicable to the pieces of software identified in section 2.4.1. above may be found at the following links

<https://www.freebsd.org/copyright/freebsd-doc-license/> and <https://spdx.org/licenses/BSD-3-Clause.html> and are reproduced below in its version in force as at the date hereof:

BSD-2-Clause

Copyright 1994-2022 The FreeBSD Project. All rights reserved.

Redistribution and use in source (AsciiDoc) and 'compiled' forms (HTML, PDF, EPUB and so forth) with or without modification, are permitted provided that the following conditions are met:

- 1. Redistributions of source code (AsciiDoc) must retain the above copyright notice, this list of conditions and the following disclaimer as the first lines of this file unmodified.*

2. *Redistributions in compiled form (Converted to PDF, EPUB and other formats) must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.*

THIS DOCUMENTATION IS PROVIDED BY THE FREEBSD DOCUMENTATION PROJECT "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE FREEBSD DOCUMENTATION PROJECT BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS DOCUMENTATION, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

Manual Pages

Some FreeBSD manual pages contain text from the IEEE Std 1003.1, 2004 Edition, Standard for Information Technology — Portable Operating System Interface (POSIX®) specification. These manual pages are subject to the following terms:

The Institute of Electrical and Electronics Engineers and The Open Group, have given us permission to reprint portions of their documentation.

In the following statement, the phrase "this text" refers to portions of the system documentation.

Portions of this text are reprinted and reproduced in electronic form in the FreeBSD manual pages, from IEEE Std 1003.1, 2004 Edition, Standard for Information Technology — Portable Operating System Interface (POSIX), The Open Group Base Specifications Issue 6, Copyright© 2001-2004 by the Institute of Electrical and Electronics Engineers, Inc and The Open Group. In the event of any discrepancy between these versions and the original IEEE and The Open Group Standard, the original IEEE and The Open Group Standard is the referee document. The original Standard can be obtained online at <https://www.opengroup.org/membership/forums/platform/unix>.

This notice shall appear on any product containing this material.

BSD-3-Clause:

Copyright (c) <year> <owner>.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- 1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.*
- 2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.*
- 3. Neither the name of the copyright holder nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.*

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

2.5. Open Font licenses Dependencies

The software libraries listed in section 2.5.1. below are licensed by their respective authors under the correspondent Open Fonts license terms.

2.5.1. List of libraries subject to Open Font License

potion-protocol/potion-dapp					
Name	License	Link	Remote Version	Installed Ver.	Author
Poppins font	Open Font License	https://github.com/itfoundry/poppins	n/a	n/a	Indian Type Foundry, Jonny Pinhorn
Bitter font	Open Font License	https://fonts.google.com/specimen/Bitter?query=bitter#standard-styles	n/a	n/a	Huerta Tipográfica

2.5.2. Terms of the Open Fonts License (we kindly recommend reviewing the version in the links provided herewith)

Unless expressly referred to in the individual license provided through the link referred in section 2.5.1, the terms of the Open Fonts license, applicable to the pieces of software identified in section 2.5.1. above may be found at the following link https://scripts.sil.org/cms/scripts/page.php?site_id=nrsi&id=OFL and are reproduced below in its version in force as at the date hereof:

*Copyright (c) <dates>, <Copyright Holder> (<URL|email>),
with Reserved Font Name <Reserved Font Name>.*

*Copyright (c) <dates>, <additional Copyright Holder> (<URL|email>),
with Reserved Font Name <additional Reserved Font Name>.*

Copyright (c) <dates>, <additional Copyright Holder> (<URL|email>).

This Font Software is licensed under the SIL Open Font License, Version 1.1.

This license is copied below, and is also available with a FAQ at: <https://scripts.sil.org/OFL>

SIL OPEN FONT LICENSE

Version 1.1 - 26 February 2007

PREAMBLE

The goals of the Open Font License (OFL) are to stimulate worldwide development of collaborative font projects, to support the font creation efforts of academic and linguistic communities, and to provide a free and open framework in which fonts may be shared and improved in partnership with others.

The OFL allows the licensed fonts to be used, studied, modified and redistributed freely as long as they are not sold by themselves. The fonts, including any derivative works, can be bundled, embedded, redistributed and/or sold with any software provided that any reserved names are not used by derivative works. The fonts and derivatives, however, cannot be released under any other type of license. The requirement for fonts to remain under this license does not apply to any document created using the fonts or their derivatives.

DEFINITIONS

"Font Software" refers to the set of files released by the Copyright Holder(s) under this license and clearly marked as such. This may include source files, build scripts and documentation.

"Reserved Font Name" refers to any names specified as such after the copyright statement(s).

"Original Version" refers to the collection of Font Software components as distributed by the Copyright Holder(s).

"Modified Version" refers to any derivative made by adding to, deleting, or substituting — in part or in whole — any of the components of the Original Version, by changing formats or by porting the Font Software to a new environment.

"Author" refers to any designer, engineer, programmer, technical writer or other person who contributed to the Font Software.

PERMISSION & CONDITIONS

Permission is hereby granted, free of charge, to any person obtaining a copy of the Font Software, to use, study, copy, merge, embed, modify, redistribute, and sell modified and unmodified copies of the Font Software, subject to the following conditions:

- 1) Neither the Font Software nor any of its individual components, in Original or Modified Versions, may be sold by itself.*
- 2) Original or Modified Versions of the Font Software may be bundled, redistributed and/or sold with any software, provided that each copy contains the above copyright notice and this license. These can be included either as stand-alone text files, human-readable*

headers or in the appropriate machine-readable metadata fields within text or binary files as long as those fields can be easily viewed by the user.

3) No Modified Version of the Font Software may use the Reserved Font Name(s) unless explicit written permission is granted by the corresponding Copyright Holder. This restriction only applies to the primary font name as presented to the users.

4) The name(s) of the Copyright Holder(s) or the Author(s) of the Font Software shall not be used to promote, endorse or advertise any Modified Version, except to acknowledge the contribution(s) of the Copyright Holder(s) and the Author(s) or with their explicit written permission.

5) The Font Software, modified or unmodified, in part or in whole, must be distributed entirely under this license, and must not be distributed under any other license. The requirement for fonts to remain under this license does not apply to any document created using the Font Software.

TERMINATION

This license becomes null and void if any of the above conditions are not met.

DISCLAIMER

THE FONT SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO ANY WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT OF COPYRIGHT, PATENT, TRADEMARK, OR OTHER RIGHT. IN NO EVENT SHALL THE COPYRIGHT HOLDER BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, INCLUDING ANY GENERAL, SPECIAL, INDIRECT, INCIDENTAL, OR CONSEQUENTIAL DAMAGES, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF THE USE OR INABILITY TO USE THE FONT SOFTWARE OR FROM OTHER DEALINGS IN THE FONT SOFTWARE.