

2018开放数据应用开发竞赛

2018 Open Data Application Development Contest of Shanghai Library

上海图书馆 | 全球征集

官方网站 URL: <http://opendata.library.sh.cn/>

数据不仅是一种资源，也是一种资产，更是一种公共基础设施。上海图书馆2018开放数据应用开发竞赛再次聚焦历史人文主题，联合国内外四家单位一起打开六百万种历史人文数据宝库，以更为丰富的数据内容和数量来催生更具创意和更高附加值的数据应用及服务。通过竞赛，我们可以看到开放数据所带来的公平机遇、释放的潜能和参赛团队无限的创意。

Besides a kind of resource, data is a sort of asset, or even a type of public infrastructure. Collaborating with other four enterprises both home and abroad, the 2018 Open Data Application Development Contest of Shanghai Library once again focused on the theme of historical humanities, and opened up a treasure repository of six million historical humanistic titles to boost innovative and value-added applications and services. Leveraged by series of the contests, it witnesses the fair opportunity brought by open data, the potentials released and the unlimited creativity of the participants.



主办 Organizer:
上海图书馆 (上海科学技术情报研究所) Shanghai Library (Institute of Scientific and Technical Information of Shanghai)
文化部公共文化研究基地 Ministry of Culture Research Center for Public Culture Affairs at Shanghai Library

协办 Co-organizer:
CADAL 项目管理中心 Administration Center for China Academic Digital Associative Library
哈佛大学计量社会学系 Harvard Institute for Quantitative Social Science
复旦大学图书馆 Fudan University Library
广州搜韵文化发展有限公司 Guangzhou Ancient Rhyme Development Co., Ltd

支持 Sponsor:
同方股份有限公司 Tongfang Co., Ltd

一等奖 First Prize
《寻踪·遇见》
Track & Meet
队名: 医科数据共享
Team: Medical Science Data Sharing

二等奖 Second Prize
民国百花
The Flower Award of the Republic of China
队名: SHU_VIZ_Group Team

三等奖 Third Prize
树人者——二十世纪中华教育家名粹
The Person Planter—Great Educator of the 20th Century in China
队名: 北师大铎金声队
Team: Mu Duo Jin Sheng Team from BNU Library

最佳人气奖 Best Popularity Award
树人者——二十世纪中华教育家名粹
The Person Planter—Great Educator of the 20th Century in China
队名: 北师大铎金声队
Team: Mu Duo Jin Sheng Team from BNU Library

优秀奖 Excellence Award
Computing Len for Exploring the Historical People's Social Network
队名: network-science-course-app Team

人气奖 Popularity Award
你的名字
Your Name
队名: 农科微创
Team: Shanghai Academy of Agricultural Sciences SAAS Team

获奖名单 Winners

按字母、汉语拼音首字母排序

《寻踪·遇见》 Track & Meet
队名: 医科数据共享
Team: Medical Science Data Sharing

追踪和探索名家足迹的知识探索平台，全方位解读和呈现历史人文知识
Through the knowledge exploration platform for tracking and exploring the footprints of famous people, comprehensively interpreting and presenting historical and humanistic knowledge

一等奖 First Prize

微信 (小程序) Mini Program

民国百花 The Flower Award of the Republic of China
队名: SHU_VIZ_Group Team

融合知识与娱乐社交，让年轻人进行语言角色扮演，了解民国人物
It combines knowledge and entertainment social activities, allowing young people to use language role-playing to understand the characters of the Republic of China

二等奖 Second Prize

微信 (小程序) Mini Program

原印鉴章 SealRec
队名: 古书画觅踪
Team: NewSecretLoft

通过拍照搜索解读的模式帮助欣赏者了解古书画收藏流传的基本常识以及背后的动人故事
Through photo search and interpretation, to help appreciators understand the basic common sense of the ancient calligraphy and painting collection and the moving story behind it

二等奖 Second Prize

微信 (小程序) Mini Program

树人者——二十世纪中华教育家名粹 The Person Planter—Great Educator of the 20th Century in China
队名: 北师大铎金声
Team: Mu Duo Jin Sheng Team from BNU Library

深度挖掘教育家资料，助力教育史研究，传播经典教育思想，为读者提供教育参考
Deeply explore the whole life experience of great educators, help the research of educational history, disseminate classical educational thoughts, and provide educational references for readers

三等奖 Third Prize

微信 (小程序) Mini Program

风华诗韵APP APP Elegant Poetry
队名: 风华诗韵
Team: Elegant Poetry

为汉语古诗词爱好者提供古诗词搜索和诗人关系展现、自动作诗等功能
Elegant Poetry APP provide some useful function such as: Chinese ancient poetry search, Generate a map of poets in the Tang Dynasty, Automatic create Tibetan poetry

三等奖 Third Prize

时迹 Time Marker
队名: 随机森林
Team: Random Forest

古籍版本考证、人物传记标签关联查询、古籍数字资源等多源知识融合可视化检索工具
A visualization search tool with multi-source knowledge for version evidence-based of ancient books, relational query of biography labels and free digital resources of ancient books

三等奖 Third Prize

Computing Len for Exploring the Historical People's Social Network
队名: network-science-course-app Team

一个能够从网络科学角度帮助理解和分析给定输入历史人物关系的计算框架
A computing framework that can help to understand and analyze the relationship of a given historical people from a network science perspective.

优秀奖 Excellence Award

诗友 Poems & Poetry
队名: 陌上桑队
Team: Mulberry tree

检索诗词，了解诗人及诗词的相关信息，帮助用户写诗
Searching poems, acquiring the information about poets and poems, and assisting users to write poems

优秀奖 Excellence Award

人文360 Humanities 360
队名: 数据暗流
Team: Undercurrent of Data

用于各类数据的查询，并将各类数据关联以便查看
It is mainly used for querying all kinds of data and connecting all kinds of data for looking up

优秀奖 Excellence Award

古道有籍网 m.ybai.cc
队名: 熊大快跑小队
Team: The team of Briar Bear

方便快捷的检索名人、古籍、诗词、印章及民国期刊等数据
It's very convenient for you to search the data about celebrity, ancient work, poetry, seal and so on

优秀奖 Excellence Award



文化数据蕴藏着巨大潜力。上海图书馆以开放数据竞赛及其系列活动为载体，不断开放历史文化数据，传播优秀历史文化，释放历史文化数据价值，让社会大众参与新兴技术和历史人文相结合的数据创新活动，作为我国图书馆界开放数据的首个实践案例，起到了引领和推动我国图书馆界开放数据发展的作用。未来，上海图书馆将形成更加广泛的开放数据平台，丰富数据内容、种类和数量，并进一步形成数据开放、数据应用、公益孵化三位一体的开放数据服务模式，不断挖掘图书馆及其他文化机构历史人文开放数据背后所蕴藏的巨大价值。

Cultural data are rich in every great potentials. Leveraged by the series of open data application contests, and affinitive events, Shanghai Library is keeping on publishing her historical culture data sets, spreading outstanding historical culture, revealing potential value embedded in these data, and promoting innovations around the integration of latest technology and historical humanities. As the first practical case of in Chinese library community, Shanghai Library is praised as the pioneer in the development of open linked data. In the future, Shanghai Library will build a more comprehensive platform for open data applications, constantly enrich the contents, types and quantity of data sets, in order to set up a new paradigm for open data services that combine data opening, data application and public incubation. We believe that all these efforts will definitely boost those activities around exploration of the huge values embedded in the historical humanity open data in libraries or other cultural institutions.

2019

一起来更精彩

Be together 扫一扫 进入参赛主页
Be better

想了解更多内容，请来参观
上海图书馆2018开放数据应用开发竞赛展 (10.12-10.18 上海图书馆目录大厅)

开放数据内容

Contents of Open Data

上海图书馆 Shanghai Library

- 596家家谱收藏机构的家谱书目数据5万余种
50,000+ genealogy catalog bibliographic data from 596 genealogy collection agencies
- 横跨19世纪初至20世纪末近200年的手稿档案元数据24万余种
240,000+ archives and manuscripts metadata from the beginning of the 19th century to the end of the 20th century
- 上图、加州柏克莱东亚图书馆、哈佛燕京图书馆、澳门大学图书馆的馆藏珍稀古籍书目数据13万余种
130,000+ kinds of rare ancient books bibliographic data from Shanghai library, Berkeley University of California East Asia Library, Harvard University Yenching Library, and the Macau University Library
- 来自全球1400余个馆藏机构的中文古籍书目数据50万余种
500,000+ Chinese ancient books bibliographic data from 1,400+ collections worldwide
- 涉及到著名藏书家近400人的藏印数据1万5千余种
15,000+ seals data involving nearly 400 related famous collectors
- “人名规范库”的数据84万余人
840,000+ people's data of the "Name authority database"
- 姓氏、人、地、时、机构等基础数据
Basic data such as last name, people, places, time, organizations, etc

China Academic Digital Associative Library(CADAL) CADAL项目管理中心

- 民国图书和期刊的元数据近17万条
170,000+ metadata for books and periodicals in the Republic of China
- 6千余条墓志元数据及扫描图像
6,000+ epitaph metadata and scanned images

哈佛大学计量社会科学研究中国历代人物传记资料库项目

China Biographical Database(CBDB)

- 中国历代人物传记资料库项目中的人物信息近42万条
420,000 characters in the Chinese Biographical database

复旦大学图书馆 Fudan University Library

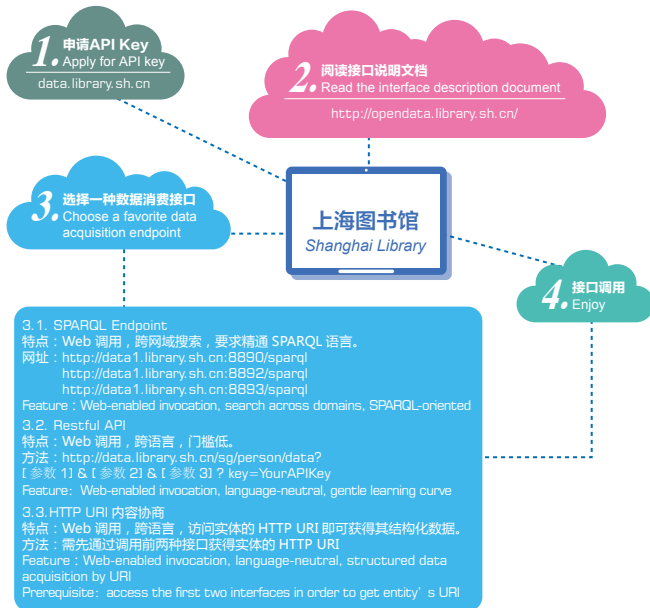
- 民国期刊数据库元数据8万余条
80,000+ metadata for periodicals in the Republic of China

Guangzhou Ancient Rhyme Development Co.,Ltd 广州搜韵文化发展有限公司

- 历代诗词75万首
80,000+ metadata for periodicals in the Republic of China
- 相关词条用韵参考30余万条
300,000+ vocabulary entries indexed by rhyme character
- 古人诗例用韵参考100余万条
1,000,000+ poem sentence examples indexed by rhyme character
- 对仗词汇参考约150万条
1,500,000 antitheses patterns

开放数据获取方法

Open Data Acquisition Method



CADAL: 数据打包下载

CADAL: data download in package

CBDB: API调用、单机版CBDB安装使用

CBDB: API, or installation of standalone version of CBDB

复旦大学图书馆: 数据打包下载

Fudan University Library: data download in package

广州搜韵文化发展有限公司: API调用

Guangzhou Ancient Rhyme Development Co.,Ltd: API

竞赛规则

Contest Rules

- 参赛作品可为任何形式的移动应用，以微信（移动Web应用）或iOS、Android等平台上的App为主要方式。
Your entry may be mobile applications in any modes. Apps for micro websites (mobile Web application) or iOS, or Android are the main forms.
- 参赛团队可由1人或数人组成，其中1至2人负责答辩和演示。参赛团队在报名时须提交真实的个人信息，主办方承诺对所有涉及个人隐私的信息予以严格保密，参赛团队报名提交的个人信息仅用于赛事相关程序。参赛团队名单以在官网上提交的报名表为准，不予更改。
Your team may comprise 1 or several persons, with 1 to 2 persons in charge of the defense and presentation. In registration you must submit real personal information. The organizers commit to keep all information related to your personal privacies strictly confidential and use your personal information only for the purpose of relevant procedures of the contest. The information is subject to the registration form.
- 竞赛奖项评奖的主要依据为作品创新性、可行性、技术含量、交互体验、开放数据利用程度等。
Your entries shall be evaluated by creativity, feasibility, technical contents, interactive experience and utilization of open data, etc.
- 所有竞赛入围作品（含获奖作品）的知识产权归属作者和上海图书馆（上海科学技术情报研究所）双方共有。参赛作品应该为未经发表的原创作品，具有一定的创新性和独特性。
The intellectual property rights for all finalist entries (including the prize-winning entries) shall belong to the authors and Shanghai Library (Institute of Scientific and Technical Information of Shanghai). The entries should be unpublished original works that are not only innovative but also unique.

- 竞赛奖项评委由国家公共文化服务体系专家委员会专家，图书情报、计算机、大数据等领域的专家，上海图书馆理事会成员，专业媒体和用户代表等组成。评审分书面评审和现场答辩两个阶段，答辩的具体日期和时间将另行通知。

The Judging Panel shall be made up of experts from the Construction Expert Advisory Committee of National Public Cultural Service System, specialists in library Information, Computer Science and big data, members of Shanghai Library Board, professional media and user representatives. The assessment shall be composed of two phases, document review and oral defense. Dates and time of the oral defense shall be notified otherwise.

- 有以下情况的，主办方可以取消参赛者参赛资格：
If a contestant is involved with any of the following cases, the contestant shall be disqualified:
 - 违反相关法律、法规；
Breaking relevant laws and regulations;
 - 涉嫌作弊行为，侵犯他人知识产权；
Being suspected of cheating or infringement of intellectual property rights;
 - 提交的作品缺乏必要的完整性，或有严重缺陷，或涉嫌虚假信息；
Submitting entries that lack necessary integrity, or contain severe defects or allegedly false information;
 - 提交的作品包含不健康、淫秽、色情或诽谤任何第三方的内容；
Submitting entries that contain unhealthy, obscene or pornographic contents or defamatory content of any third party;
 - 提交的作品包含其他主办方认为不适当的内容。
Submitting entries that contain other contents which the organizers deem as inappropriate.

- 如由于提交的竞赛作品而引起任何法律纠纷，或附带的责任，均由提交作品的参赛团队组成人员个人承担，主办方不承担任何责任。
If any legal disputes or contingent liabilities arise due to an entry submitted, the relevant contest shall be liable and the organizers shall not assume any liabilities.

- 所有与参赛相关的提交材料均不予退还。主办方有权将参赛作品及相关信息用于制作纸质、音频、视频等形式的宣传品和出版物（传播途径包括互联网），以及举办展览展示活动（展览展示途径包括互联网）等。

All files submitted for the contest shall not be returned. The organizers shall be entitled to use the entries and relevant information to produce promotional items and publications (including internet communication) in paper, audio, video or other forms and hold exhibitions (including internet exhibition), etc.

- 获奖作品有机会获得主办方公益孵化，用于完善作品的实用性，为读者或研究人员提供服务。
The winning entries have the opportunity to be hatched by the organizers for public welfare, to improve the practicality of entries and to provide services for readers or researchers.

- 本次竞赛实行回避制度，以示公允，主办方员工不参加评奖。评委对作品的评审结果一旦给出即为最终结果，主办方无义务提供任何反馈意见。
The contest implemented an avoidance system. The organizers did not participate in the awards. Once given the assessment results are final. The organizers are not obliged to provide any feedbacks.

- 竞赛开放数据仅授权于非商业使用，参赛者需遵循各数据提供方的授权协议。
The open data is only licensed for non-commercial use and participants are subject to the license agreement of each data provider.

- 主办方保留对该竞赛规则修订的权利，并拥有对竞赛规则的最终解释权。
The organizers shall reserve the right of revision and the right of final interpretation to the contest rules.

人气奖评选规则

Popularity Award Rules

- 初审合格的作品都可参加本次人气奖项（最佳人气奖、人气奖）的投票评选。All the entries that have passed the preliminary examination may participate in the voting of the popularity award (the best popularity award and the popularity award).
- 投票页面的作品排序顺序以作品提交时间先后为准。The order in voting pages is based on the time of submission of entries.
- 每个微信号每天最多可投8个作品。Each Wechat account can vote up to 8 entries per day.
- 拒绝虚假及违反竞赛规则类信息的传播，主办方将对投票进行监控，对非正常情况酌情进行处理。Prohibit the transmission of false information or information that violates the rules of the contest. The organizer will monitor the vote and deal with it as appropriate.

- 投票结束后，主办方将根据已审核的最终票数数据评选出最佳人气奖1名、人气奖7名，并于9月与2018开放数据应用开发竞赛其他奖项一同颁奖。After the voting, the organizer will select one best popularity award and seven popularity awards based on the audited final votes. The awards will be presented together with other awards in September.

- 人气奖项（最佳人气奖、人气奖）独立于原竞赛一等奖、二等奖、三等奖及优秀奖。The best popularity award and popularity award are independent of the first prize, second prize, third prize and excellence prize.

- 主办方保留对本次活动的最终解释权。The organizer reserves the right to final interpretation of the event.

报名参赛团队

Registration Teams

参赛团队	参赛团队	参赛团队
1 Alphabet Navy	38 桂林理工大学图书馆	75 深紫
2 B.u.g 团队	39 果宝特攻队	76 诗和远方
3 bank	40 海上飞鹭	77 石磨盘
4 CCNU数据团	41 海思路一百号	78 时光家谱
5 Chaser	42 汉王数据	79 时光亲时光组
6 Copper	43 行知	80 时光天气
7 faust	44 行走	81 时光文脉
8 Firestone	45 航舵	82 书影流年
9 FYO	46 黑客与画家	83 输出力
10 Gravity	47 虎狼之师	84 数据暗流
11 idatar	48 华信栗子	85 数据未来
12 JavaTeam	49 化诗	86 水底工作室
13 KVision实验室	50 火星行动	87 随机森林
14 ly's terminators	51 极客诗人	88 天地交而万物通
15 MacrossX	52 芥末数据	89 天下第一聪明白
16 MarketMaker	53 就是试试	90 同炼同声
17 MARS	54 蓝天白云队	91 无限手套
18 network-science-course-app	55 棱镜计划	92 五月的天
19 seekingButterfly	56 理工睿府	93 小白学数据
20 SHU_VIZ_Group	57 灵感邂逅	94 小冰糖
21 SJTUUST	58 龙血沸腾	95 小笠科技
22 Sunshine	59 隆文战队	96 邂逅名人
23 the skywalkers	60 珞珈大数据	97 熊大快跑小队
24 to two	61 陌上桑队	98 玄鸟数据
25 yep	62 南湖岸边绿素贞	99 严家桥
26 YY说的都队	63 你知道吗	100 一毛半
27 zddzb	64 农科微创	101 一嗅以奕
28 暴君一流	65 聊星啦啦	102 医科数据共享
29 北京凌晨1点	66 谦与岩	103 逸科赛汀
30 北师木铎金声队	67 腔调白菜	104 映数
31 澄碧	68 清心基围虾	105 豫上铁团队
32 楚之丹工作室	69 如火青春	106 长发小分队
33 东密西疏	70 上海工程技术大学图书馆技术部	107 智能书记
34 东西峡韵	71 上海快采秀展示科技有限公司	108 中航STAR
35 风华诗韵	72 上海梦马	109 中山大学可视化检索
36 古书画觅踪	73 上海蜜炬	110 追远
37 广州市亚高数码科技有限公司	74 上海市市西初级中学初一八班南木小队	

按字母、汉语拼音首字母排序