

# 中国FOLIO应用发展近况

上海图书馆 周纲

2021. 7. 15



- FOLIO特点
- 中国FOLIO应用简介
- 上海图书馆FOLIO应用



# FOLIO诞生

[www.folio.org](http://www.folio.org)

FOLIO (the Future of Library is Open) 开源项目诞生于 2016 年。

由图书馆员、开发者、设计者、服务供应商以及商业公司共同组成的协作社区。

期望建立一个开源图书馆服务平台 (Library Services Platform, LSP) 和一个现代技术生态系统。

通过开源和微服务的方式来重塑图书馆服务和创新图书馆的未来。

# FOLIO特点：开源

The screenshot displays the GitHub profile for FOLIO. The profile header includes the FOLIO logo (a red bee), the name "FOLIO", and a description: "FOLIO is a new open source, cloud hostable, app-store based library platform, designed to facilitate collaboration between disparate development teams." Below the description are links for the website, GitHub, and email. The repository statistics show 269 repositories, 6 packages, 6 people, and 17 projects. The pinned repositories section lists six repositories with their respective languages, star counts, and fork counts.

**Navigation:** Developers, Project Wiki, Discussion Boards

**Search:** Search this site...

**Profile:** Why GitHub? Team Enterprise Explore Marketplace Pricing Search Sign in Sign up

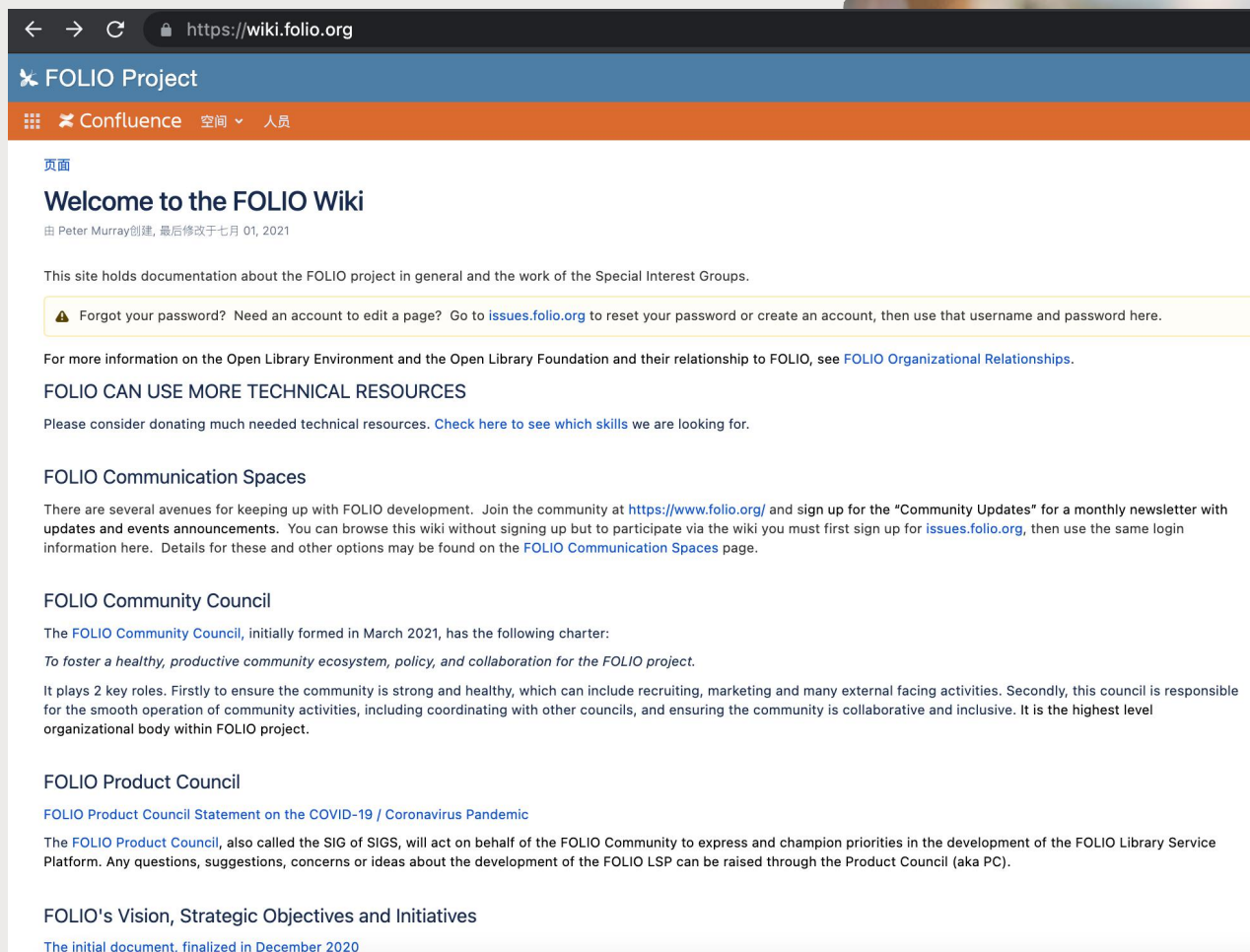
**Repository Statistics:** 269 Repositories, Packages, 6 People, Projects

**Pinned repositories:**

- okapi** (Java): Okapi core and modules. 91 stars, 66 forks.
- stripes** (JavaScript): UI framework for building front-end FOLIO modules. 13 stars, 12 forks.
- raml-module-builder** (JavaScript): Framework allowing easy module creation based on RAML files. 19 stars, 17 forks.
- folio-ansible** (Jinja): Ansible playbook for FOLIO. 21 stars, 14 forks.
- stripes-cli** (JavaScript): Command line interface for creating, building, and testing Stripes UI modules. 9 stars, 11 forks.
- raml** (RAML): Repository of RAML files, including JSON schemas, traits and resource types centralized for re-usability. 5 stars, 10 forks.



# FOLIO特点:社区驱动



The screenshot shows the FOLIO Wiki homepage. At the top, there is a navigation bar with the FOLIO Project logo and the Confluence interface. Below the navigation bar, the page title is "Welcome to the FOLIO Wiki" with a sub-header "页面". The main content area contains a welcome message, a password reset link, and several sections: "FOLIO CAN USE MORE TECHNICAL RESOURCES", "FOLIO Communication Spaces", "FOLIO Community Council", "FOLIO Product Council", and "FOLIO's Vision, Strategic Objectives and Initiatives".

← → ↻ <https://wiki.folio.org>

FOLIO Project

Confluence 空间 人员

页面

## Welcome to the FOLIO Wiki

由 Peter Murray 创建, 最后修改于 七月 01, 2021

This site holds documentation about the FOLIO project in general and the work of the Special Interest Groups.

⚠️ Forgot your password? Need an account to edit a page? Go to [issues.folio.org](https://issues.folio.org) to reset your password or create an account, then use that username and password here.

For more information on the Open Library Environment and the Open Library Foundation and their relationship to FOLIO, see [FOLIO Organizational Relationships](#).

### FOLIO CAN USE MORE TECHNICAL RESOURCES

Please consider donating much needed technical resources. [Check here to see which skills](#) we are looking for.

### FOLIO Communication Spaces

There are several avenues for keeping up with FOLIO development. Join the community at <https://www.folio.org/> and sign up for the "Community Updates" for a monthly newsletter with updates and events announcements. You can browse this wiki without signing up but to participate via the wiki you must first sign up for [issues.folio.org](https://issues.folio.org), then use the same login information here. Details for these and other options may be found on the [FOLIO Communication Spaces](#) page.

### FOLIO Community Council

The [FOLIO Community Council](#), initially formed in March 2021, has the following charter:

*To foster a healthy, productive community ecosystem, policy, and collaboration for the FOLIO project.*

It plays 2 key roles. Firstly to ensure the community is strong and healthy, which can include recruiting, marketing and many external facing activities. Secondly, this council is responsible for the smooth operation of community activities, including coordinating with other councils, and ensuring the community is collaborative and inclusive. It is the highest level organizational body within FOLIO project.

### FOLIO Product Council

[FOLIO Product Council Statement on the COVID-19 / Coronavirus Pandemic](#)

The [FOLIO Product Council](#), also called the SIG of SIGS, will act on behalf of the FOLIO Community to express and champion priorities in the development of the FOLIO Library Service Platform. Any questions, suggestions, concerns or ideas about the development of the FOLIO LSP can be raised through the Product Council (aka PC).

### FOLIO's Vision, Strategic Objectives and Initiatives

[The initial document, finalized in December 2020](#)

页面 / [Community Council](#)

## FOLIO Member Organizations

由 Mike Gorrell 创建, 最后修改于 五月 28, 2021

Updated to reflect Fiscal 2022 commitments

- Auburn University
- BVB (Munich)
- CU Boulder
- Cornell University
- Duke University
- EBSCO Information Services
- Fenway Libraries Organization (FLO)
- Five Colleges Inc
- GBV (Goettingen)
- Grand Valley State University
- HBZ (Cologne)
- HeBIS (Frankfurt/Main)
- Index Data
- Knowledge Integration
- LMU Munich
- Lehigh University
- Leipzig University Library
- Michigan State
- Missouri State University
- Shanghai Library
- Shanghai Jiao Tong University Library,
- JIANGSU JIATU NETWORK TECHNOLOGY CO.,LTD.
- Shanghai RFID Intelligence Digital Technology Co.,LTD.
- ShenZhen Ketu Automatic New Technology Company
- Hangzhou metadata co.ltd
- Nanjing Younger Information Technology Co.,Ltd
- Spokane Public Library
- Stanford University
- Texas A&M University
- University of Alabama
- University of Chicago
- University Library Mainz

Please direct any questions to [@Mike Gorrell](#)

# FOLIO特点：LSP基础技术架构

- OKAPI 微服务网关
- Stripes 前端开发工具包、可重用用户界面(UI)组件
- RAML Module Builder (RMB) 框架
- 基础应用（用户管理、馆藏、流通、订单等）、权限控制、扩展应用（报表等）

# FOLIO特点：基础应用

1. Discovery 发现
2. Acquisition units (setting) 采访
3. Agreements 合同/协议管理
4. Check in 还书
5. Check out 借书
6. Courses 课程
7. Data import 数据输入
8. Data export 数据输出
9. eHoldings 电子馆藏
10. eUsage 电子资源使用
11. Finance 财务
12. Invoices 发票
13. Inventory 典藏
14. Licenses 许可管理
15. Local KB Admin 本地知识库
16. MarcCat MARC编目(上线中)
17. Notes (Setting) 附注(设定)
18. OAI-PMH (Setting) OAI数据收割(设定)
19. Orders 订单管理
20. Organizations 组织机构管理
21. Receiving 划到
22. Requests 请求
23. Tags (Settings) 标签(设定)
24. Users 用户管理



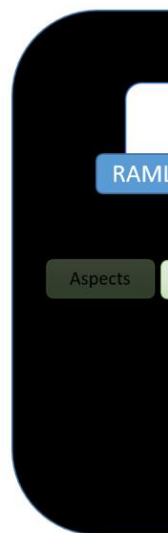
# FOLIO特点: Raml-Module-Builder

## Build Time workflow

Build the raml-module-builder project to generate the needed jars— add these jars to your project's pom.xml

## Generate Time workflows

Call a Maven exec plugin with class from interfaces Jar to generate pojos and interfaces into your project

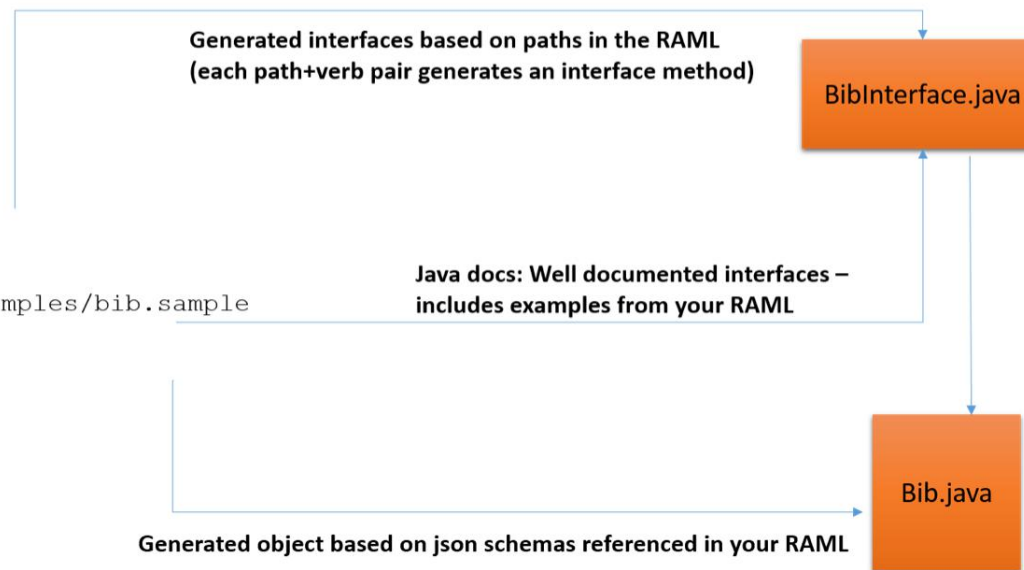


## What just happened?

What was generated...

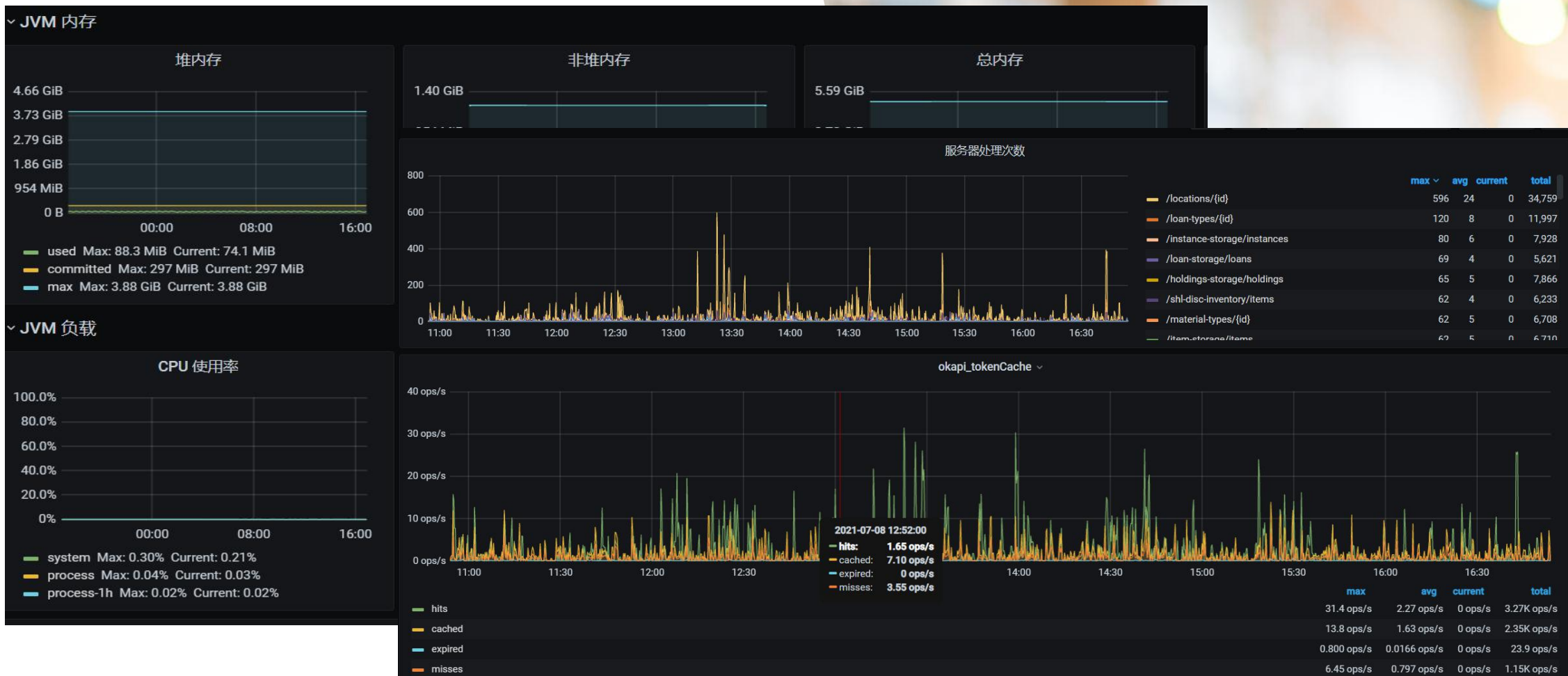
### RAML snippet

```
/bibs/{bibId}:  
  type:  
    post:  
      example:  
        !include examples/bib.sample  
      schema:  
        bib.schema
```





# FOLIO特点: 监控Metrics



# 中国FOLIO应用简介





# FOLIO@中国

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2017年国内图书馆学界开始关注FOLIO的社区模式、技术特点、进展情况。

2018年5月 CALIS（中国高等教育文献保障系统）成立了4+1联盟（后演变成5+1联盟，包含北京大学图书馆、上海交通大学图书馆、中国人民大学图书馆、深圳大学图书馆、上海图书馆、CALIS），开始探索FOLIO在中国的发展模式。

# 中国FOLIO应用简介

中国软件开发商提供FOLIO本地化应用，主要分成：

- 传统业务，例如采选、馆藏管理、流通、通知、期刊、用户。
- 阅读推广和电子资源等新业务，例如网借、活动积分、发现、ERM。
- 系统运维，例如监控等。



# 中国FOLIO应用简介

江苏嘉图网络科技股份有限公司 ([www.jiatu.info](http://www.jiatu.info))

- FOLIO流通系统
- FOLIO网借系统
- FOLIO活动系统

The screenshot displays the '活动' (Activity) management interface. The top navigation bar includes '网借' (Online Lending) and various system modules like '流通' (Circulation), '课程' (Courses), '数据导入' (Data Import), '财务' (Finance), '典藏' (Collection), '订单' (Orders), '组织' (Organization), and '应用' (Applications). The left sidebar shows a menu with '书目管理' (Catalog Management) and '借订单管理' (Loan Order Management) expanded to '借订单查询' (Loan Order Query). The main content area features a search bar and a table of activities.

活动名称	报名人数	签到人数	图书馆	活动海报	活动开始时间	活动结束时间	活动类型	活动状态	操作
消息-已取消报名	3/22	-	五里桥街道图书馆		2020/04/23 14:50	2020/04/24 00:00	培训	已结束	...
消息-已报名	0/22	-	五里桥街道图书馆		2020/04/23 13:00	2020/04/24 00:00	培训	已结束	...
消息-已报名不需要签到2	1/22	-	五里桥街道图书馆		2020/04/23 13:00	2020/04/24 00:00	培训	已结束	...
消息-已签到	2/22	-	五里桥街道图书馆		2020/04/23 13:00	2020/04/24 00:00	培训	已结束	...
消息-已报名不需要签到	0/22	-	五里桥街道图书馆		2020/04/23 13:00	2020/04/24 00:00	培训	已结束	...
消息-未签到	2/22	0	五里桥街道图书馆		2020/04/23 13:00	2020/04/24 00:00	培训	已结束	...
消息-已报名	2/22	0	五里桥街道图书馆		2020/04/23 13:00	2020/04/24 00:00	培训	已结束	...
进行中1	1/22	0	五里桥街道图书馆		2020/04/23 13:00	2020/04/24 00:00	培训	已结束	...

# 中国FOLIO应用简介

深圳市科图自动化新技术应用公司 ([www.ilas.com.cn](http://www.ilas.com.cn))

- FOLIO电子期刊检索系统
- FOLIO活动管理系统
- FOLIO数字资源统一检索系统

The screenshot displays the '活动管理平台' (Activity Management Platform) interface. The top navigation bar includes links for '资源管理平台', '活动管理平台', '用户管理平台', '协议', '归还', '借出', '课程', '数据导入', '电子馆藏', and '应用'. The main content area shows a table of activities with columns for '序号', '活动名称', '场次类型', '报名类型', '开始日期', '结束日期', '创建时间', '所属馆', '备注', and '操作'. The table lists 7 activities, including '测试投稿发布', '创意演讲《发声练习+绕口令》投稿活动', '测试消息发布活动', '测试多场次', '读者摄影培训', '电影欣赏《牛郎织女》', and '创意阅读《我种子去哪里了》'. Each activity row has buttons for '编辑', '删除', '满意度查看', and '下载签到二维码'. A sidebar on the left contains navigation options like '活动信息管理', '读者信息管理', '操作员管理', '礼品信息管理', '系统参数设置', '系统日志', '查询统计', '宣传报道', and '空间管理'.

序号	活动名称	场次类型	报名类型	开始日期	结束日期	创建时间	所属馆	备注	操作
1	测试投稿发布	单场次	不需要报名	2021-04-04 15:13:00	2021-04-30 15:13:00	2021-02-02 15:34:41	center		编辑 删除 满意度查看 下载签到二维码 下载活动报名二维码
2	创意演讲《发声练习+绕口令》投稿活动	单场次	不需要报名	2021-04-29 17:57:00	2021-04-30 17:57:00	2021-01-28 17:57:41	center		编辑 删除 满意度查看 下载签到二维码 下载活动报名二维码
3	测试消息发布活动	单场次	不需要报名	2021-04-16 16:46:00	2021-04-18 15:46:00	2021-01-18 16:46:50	玉环市图书馆	12	编辑 删除 满意度查看 下载签到二维码 下载活动报名二维码
4	测试多场次	多场次	需要报名	2021-04-20 16:34:00	2021-04-21 16:34:00	2021-01-18 16:34:43	玉环市图书馆	12	编辑 子场次管理 删除 满意度查看 下载活动报名二维码
5	读者摄影培训	单场次	需要报名	2021-04-15 19:00:00	2021-04-30 20:00:00	2021-01-06 21:01:51	玉环市图书馆		编辑 删除 满意度查看 下载签到二维码 下载活动报名二维码
6	电影欣赏《牛郎织女》	单场次	需要报名	2021-04-30 13:00:00	2021-04-30 15:00:00	2021-01-06 20:59:55	玉环市图书馆		编辑 删除 满意度查看 下载签到二维码 下载活动报名二维码
7	创意阅读《我种子去哪里了》	单场次	需要报名	2021-04-29	2021-04-29	2021-01-06	玉环市图书馆		编辑 删除 满意度查看 下载签到二维码



# 中国FOLIO应用简介

南京仰格信息科技有限公司 ([www.youngerinfo.com](http://www.youngerinfo.com))

- FOLIO发现系统
- FOLIO ERM系统

The screenshot displays the FOLIO application interface. At the top, there is a navigation bar with the logo of Shanghai Library and Shanghai Institute of Information Technology, along with links for OPAC Home, Special Documents, Special Services, Login, Help Manual, and English. Below this is a search bar with options for '普通检索' (General Search) and '馆藏纸本检索' (Collection Paper Search), and a search button. The main content area is divided into three panels. The left panel, titled '检索: 中国' (Search: China), contains a '缩小搜索' (Narrow Search) section with filters for '文献类型' (Document Type), '图书' (Books), '报刊' (Newspapers), and '作者' (Authors). The middle panel, titled 'E-resources', shows a list of search results with columns for 'Name', 'Type', and 'ISBN'. The right panel, titled 'American Society of Civil Engineers : Journals', displays a detailed view of the search results, including a table of journal titles, platforms, coverage, and access dates.

上海图书馆  
上海科学技术情报研究所

OPAC 首页 特色文献 特色服务 登录 帮助手册 English

普通检索 中国 馆藏纸本检索 高级检索

Agreements Agreements Check in Check out Courses Data export Data import eHoldings eUsage Finance Inventory Invoices Licenses Apps Circ Desk 2

View 1 item

检索: 中国

缩小搜索

文献类型

图书

报刊

作者

虞和平

贾德江

张智

冯天瑜

吕思勉

白化文

Search and filter

Agreements E-resources

Search

Reset all

Type

Journal

Book

Is package

Yes

No

External data source

E-resources

18,760 records found

Name	Type	ISBN
100 Questions and Answers to Help You Land Your Dream iOS Job	Book	978148...
10 Steps to Repair American Democracy (2012)	Book	9781311...
11 September and Its Aftermath: The Geopolitics of Terror (2004)	Book	978042...
14th century English mystics newsletter	Journal	
1989 as a Political World Event: Democracy, Europe and the New International System in the Age of Globalization (2014)	Book	9781311...
19th century music	Journal	
21 for 21	Book	978-1-7...
21st Century Cooperation: Regional Public Goods, Global Governance, and Sustainable Development (2017)	Book	9781311...
21st Century Corporate Citizenship	Book	978-1-7...
21st Century Democracy Promotion in the Americas: Standing up for the Polity (2015)	Book	9781311...
21st Century Pedagogy	Journal	
30-Minute Website Marketing	Book	978-1-8...
30th Anniversary Edition	Book	978-1-7...
35th Anniversary Retrospective	Book	978-1-7...
3 Biotech	Journal	
45 review	Journal	
5G for Future Wireless Networks	Book	9783031...
5G for Future Wireless Networks	Book	9783311...
9/11 and the Design of Counterterrorism	Book	9781311...

American Society of Civil Engineers : Journals

Add package to basket

Provider: American Society of Civil Engineers Source: GOKb Reference: American\_Society\_of\_Civil\_Engineers\_...\_Journals

Collapse all

Agreements for this package

The list contains no items

E-resources in package

Name	Platform	Coverage	Access start	Access end
Journal of construction engineering and management	ASCE Library	1/1/1983 Vol:109 Iss:1	-	-
Journal of energy engineering	ASCE Library	1/1/1983 Vol:109 Iss:1	-	-
Journal of engineering mechanics	ASCE Library	1/1/1983 Vol:109 Iss:1	-	-
Journal of environmental engineering	ASCE Library	1/1/1983 Vol:109 Iss:1	-	-
Journal of geotechnical and geoenvironmental engineering	ASCE Library	1/1/1997 Vol:123 Iss:1	-	-
Journal of geotechnical engineering	ASCE Library	1/1/1983 Vol:109 Iss:1	12/31/201	-
Journal of hazardous, toxic, and radioactive waste	ASCE Library	1/1/2011 Vol:15 Iss:1	-	-
Journal of Highway and Transportation Research and Development	ASCE Library	1/1/2006 Vol:1 Iss:1	-	-

# 中国FOLIO应用简介

杭州麦达电子有限公司

- FOLIO图书采选系统

上海巍运信息科技有限公司

- FOLIO用户管理系统
- FOLIO通知系统

The screenshot displays the FOLIO application interface, which is a web-based system for book selection. The interface is divided into several sections:

- Top Navigation Bar:** Contains various icons for navigation and management, such as '流通' (Circulation), '课程' (Courses), '数据导入' (Data Import), '财务' (Finance), '典藏' (Collection), '订单' (Orders), '组织' (Organization), '请求' (Requests), '用户' (Users), '活动' (Activities), '活动用户' (Activity Users), '评论' (Comments), '运维管理' (Operation Management), '统计' (Statistics), '批处理' (Batch Processing), '流通规则' (Circulation Rules), '集合' (Collections), and '应用' (Applications).
- Left Sidebar:** A dark blue sidebar with a menu for '采选' (Selection). The menu items include '平台选书' (Platform Selection), '榜单选书' (Ranking Selection), '分类选书' (Classification Selection), '批次' (Batch), '待发订' (Pending Orders), '已发订' (Issued Orders), '已收货' (Received), '已结算' (Settled), '采购审核' (Purchase Review), '业务规则' (Business Rules), and '数据统计' (Data Statistics).
- Main Content Area:** The top part shows search filters for ISBN, 出版年份 (Publication Year), 分类号 (Classification Number), 榜单来源 (Ranking Source), and 榜单类型 (Ranking Type). Below this is a search bar with 'ISBN' and '请输入' (Please enter) fields, and a '检索' (Search) button. The main area displays a table of selected books with columns for '序号' (Serial Number), '正题名' (Main Title), '出版社' (Publisher), '出版时间' (Publication Date), '分类号' (Classification Number), '外馆查重' (External Library Deduplication), '已有订购' (Already Ordered), '预测流通率' (Predicted Circulation Rate), '本馆查重' (Library Deduplication), '定价' (Price), '备注' (Remarks), '复本数' (Number of Copies), '馆藏地' (Collection Location), and '经费' (Funding). The table shows 9 books, with the first one, '字母表谜案', selected. The total selection is 1 book, totaling 42 yuan.
- Right Sidebar:** Contains buttons for '查看学科占比' (View Subject Proportion), '导出' (Export), and a vertical list of actions: '全部发订' (All Orders), '发订' (Order), '拒绝发订' (Refuse Order), and '清空选项' (Clear Options).



# 中国的FOLIO应用简介

上海睿计信息技术股份有限公司 ([www.shruiji.cn](http://www.shruiji.cn))

- FOLIO馆藏管理系统

上海阿法迪智能数字科技股份有限公司

- FOLIO智能监控平台



# 上海图书馆FOLIO应用





# FOLIO馆藏管理

2020年9月上海图书馆正式上线“FOLIO馆藏管理系统”，旨在管理文献资产的生命周期，追踪文献位置、状态的变化过程，让图书馆资产管理有据可查。

2021年底即将开馆的上海图书馆东馆也将使用“FOLIO馆藏管理系统”进行文献管理。

# FOLIO馆藏管理

搜索和筛选			验收 <span>6,655 记录找到</span> <span>新建</span>								
交接批次	验收批次	明细	批次编号	总数(种)	总数(册)	典藏文献类型	文献来源	验收类型	对接系统	交接状态	验收状态
请选择字段搜索			JJPC_2021-07-07_024	16	0	中文图书	采编中心	新书验收	HORIZON	待交接	添加中
搜索			JJPC_2021-07-07_023	11	0	中文图书	采编中心	新书验收	HORIZON	待交接	添加中
全部重置			JJPC_2021-07-07_022	47	0	中文图书	采编中心	新书验收	HORIZON	待交接	待验收
我的批次			JJPC_2021-07-07_021	53	0	中文图书	采编中心	新书验收	HORIZON	待交接	待验收
典藏文献类型			JJPC_2021-07-07_020	50	0	中文图书	采编中心	新书验收	HORIZON	待交接	待验收
文献来源			JJPC_2021-07-07_019	46	0	中文图书	采编中心	新书验收	HORIZON	待交接	待验收
入藏书库			JJPC_2021-07-07_018	42	0	中文图书	采编中心	新书验收	HORIZON	待交接	待验收
对接系统			JJPC_2021-07-07_017	47	0	中文图书	采编中心	新书验收	HORIZON	待交接	待验收
交接状态			JJPC_2021-07-07_016	45	0	中文图书	采编中心	新书验收	HORIZON	待交接	待验收
验收状态			JJPC_2021-07-07_015	48	0	中文图书	采编中心	新书验收	HORIZON	待交接	待验收
验收类型			JJPC_2021-07-07_014	55	0	中文图书	采编中心	新书验收	HORIZON	待交接	待验收
书目状态			JJPC_2021-07-07_013	50	0	中文图书	采编中心	新书验收	HORIZON	待交接	待验收
操作类型			JJPC_2021-07-07_012	47	0	中文图书	采编中心	新书验收	HORIZON	待交接	待验收
HORIZON馆藏地			JJPC_2021-07-07_011	51	0	中文图书	采编中心	新书验收	HORIZON	待交接	待验收
创建时间			JJPC_2021-07-07_010	50	0	中文图书	采编中心	新书验收	HORIZON	待交接	待验收





# FOLIO流通

上海图书馆一卡通是上海地区的公共图书馆联盟，合计400多个分馆（服务点），为500多万读者提供通借通还服务。

2021年4月上海图书馆试运行“FOLIO流通系统”，已开始在上海图书馆提供用户管理、借还、预约、费用处理、通知、发现等服务，支持新老系统并行的流通数据同步。

# FOLIO流通

**流通** | 流通 | 请求 | 流通查询 | 流通规则 | 用户 | 典藏 | 设置 | 参考外借-上海图书馆综合阅览...

**借书** | 还书 | 还书箱还 | 外借处理 | 费用处理 | 免罚款还 | 请求处理

**流通** | 流通 | 请求 | 流通查询 | 流通规则 | 用户 | 典藏 | 设置 | 参考外借-上海图书馆综合阅览...

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还书

隐藏错误数据 | 当前模式: 输入模式

扫描或输入书刊条码

借阅者	证件号	读者证类型	生日	状态	当前借阅	欠费	当前请求
吴	320*****3	综合外借证 (0G)		在用	6	163.00	0

<input type="checkbox"/>	读者	题名	条码	索书号	复本号	馆藏类型	状态	归还结果	借/还日期	归还日期	借出服务点	操作
<input type="checkbox"/>	吴	马克思主义在中国的... 纪念马...	5412119 0478	A81/2044	-	cj	归还	✔ 归还成功	2021-07-07 ~ 2021-08-04	2021-07-07 13:49: 15	参考外借-上海图书馆综合阅览室服务点	...

# FOLIO流通


The screenshot displays the FOLIO流通 system interface. At the top, there is a navigation bar with icons for '流通' (Circulation), '请求' (Request), '流通查询' (Circulation Query), '流通规则' (Circulation Rules), '用户' (User), '典藏' (Collection), '设置' (Settings), and a user profile dropdown. Below this is a sidebar menu with options like '借书' (Borrowing), '还书' (Returning), '外借' (Overdue), '费用' (Fees), '免罚' (Waiver), and '请求' (Request). The main content area shows a '费用处理' (Fee Processing) screen with a '确认支付费用' (Confirm Payment) dialog box. The dialog box contains the following information:

- 支付1笔费用 将为 1笔 费用支付 ¥ 11.50
- 应收金额: [input field]
- 实收金额\*: [input field]
- 剩余金额: 0.00
- 交易信息: 输入支票编号等 [input field]
- 附加信息: 输入支付费用的更多信息 (可选) [input field]
- 打印

Buttons for '返回' (Return), '确认' (Confirm), '取消' (Cancel), and '支付' (Pay) are visible. In the background, a table of items is partially visible:

条码	索书号	馆藏类型
541211	I247.5	cj
049117	7/1190-3#1	
541211	I247.5	cj
049117	7/1190-3#2	
541211	I247.5	cj
076993	7/2745-2#1	
69		





# FOLIO未来

- 部分业务模块

- 采选
- 编目
- 期刊
- 网借

-

谢谢！