



FineReport

PRODUCT INTRODUCTION

FanRuan Software Co., Ltd. TRANSFORM DATA INTO VALUE

www.finereport.com/en/

What is FineReport?

FineReport is an enterprise reporting software with Excel-like interface and drag-and-drop elements, designed to empower companies to generate reports and dashboards. Additionally, it helps to establish decision-making platform and gain insights into their business operations.

28000+ informational projects of enterprises have successfully implemented FineReport, which greatly improved their reporting system and increased profitability.

Why FineReport?

Why do Software Companies Need FineReport Reporting Software?

- Flexible deployment & integration shortens long project life cycle and avoids frequent delays.
- Rich open APIs enable a fast response to any new demands.
- Intelligent O&M saves the massive cost of operation and maintenance.

Why do End Users Need FineReport Reporting Software?

For top-level managers

- Data integration** merges the scattered data into a single system, eliminating data silos and providing a comprehensive view of the organization.
- TV dashboard and Mobile App** allow you to keep track of critical business information and metrics anywhere and anytime, no matter in conferences or on business trips.
- Decision-making platform** gives you a very secure environment for quickly collecting, managing, and analyzing reports of various subsidiaries and departments.

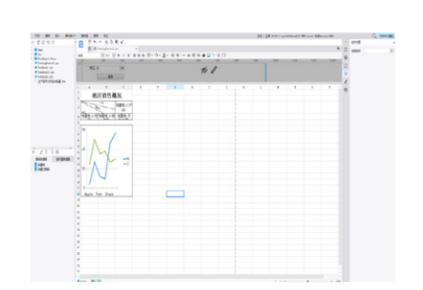
For middle-level managers

- Innovative design modes and reusable templates** reduce the cost of creating reports.
- Export to multiple formats** simplifies sharing, presenting, and secondary analysis.
- Automated reporting** automates departmental reporting procedures to eliminate repetitive administration and human errors.

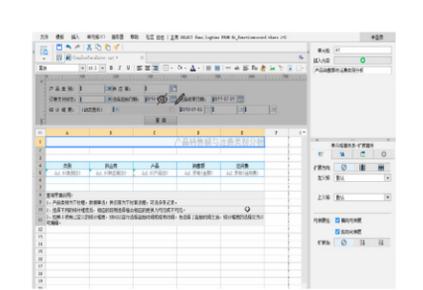
For operational-level employees

- Smart data entry** helps you to utilize forms to input or backfill information contained in reports to different databases conveniently.
- Flexible data query** supports you to track information from different dimensions.
- Permission control** ensures users at various levels have corresponding authorities to reports.

Distinct Features



Easy to Make Complex Reports



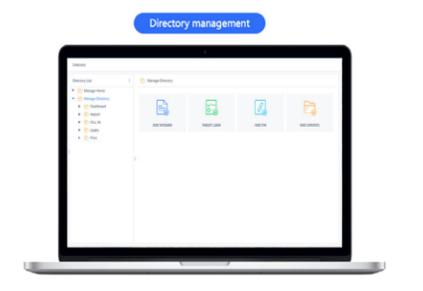
Smart Data Entry



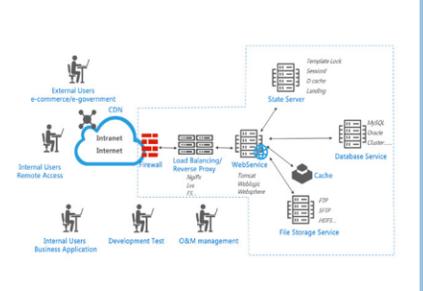
Large Screen & TV Dashboard



Convenient Mobile App



Powerful Decision-Making Platform



Flexible Deployment & Integration

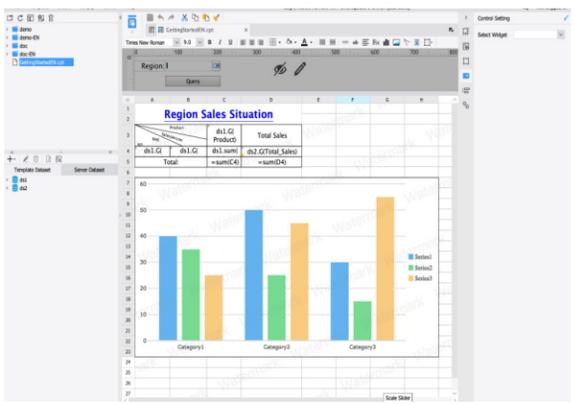
FineReport Features

Report Designer

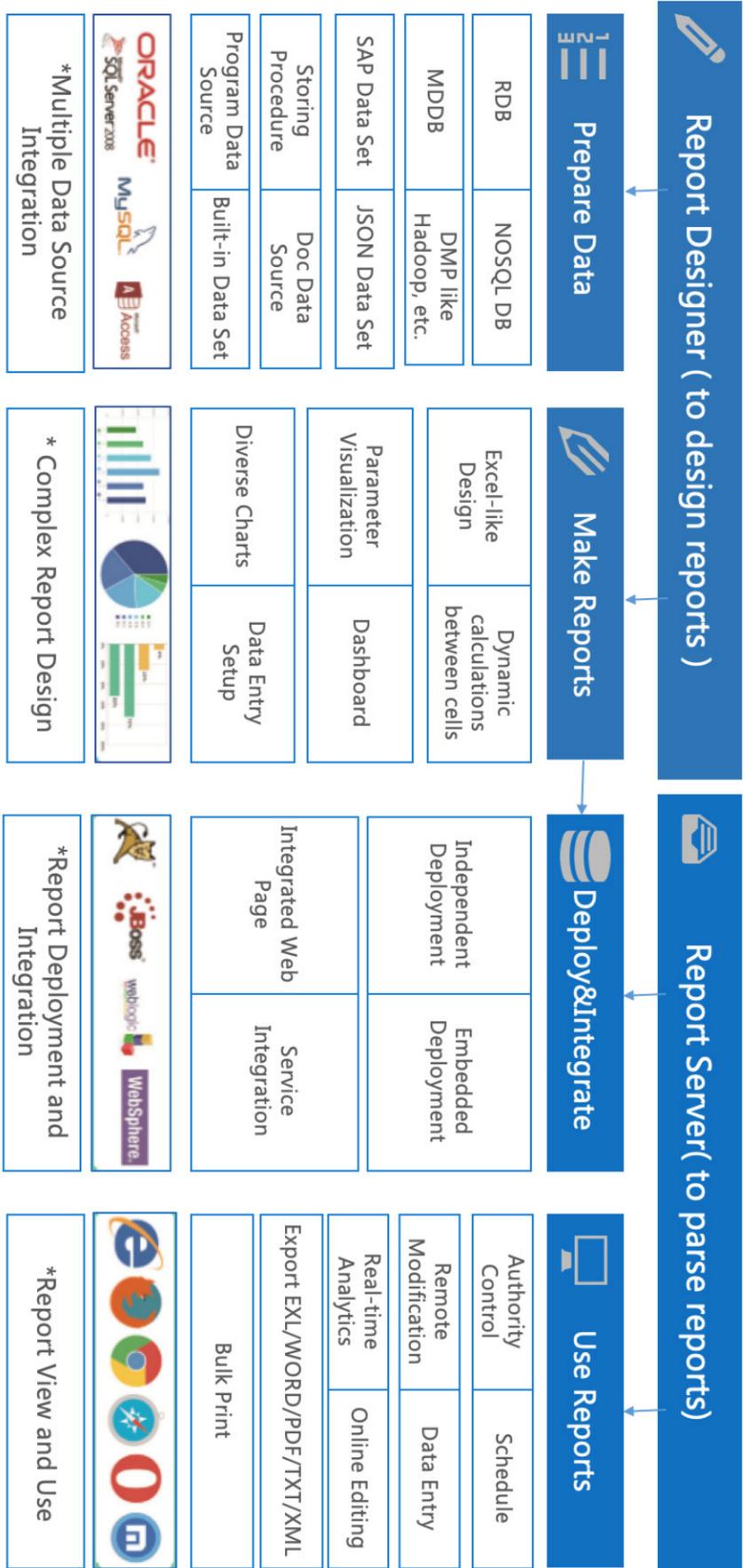
- Excel-like interface**
An Excel-like interface with data-bound column dramatically reduces the cost of learning. Anyone who is used to Excel will be a fast learner of FineReport.
The drag-and-drop operation for non-technical users to quickly create a web report without additional learning or code base.

- Remote Design**
The remote design allows you to modify the template by connecting to a working directory on a remote server.
Template locked function avoids editing conflicts, and data authority control ensures the data safety when collaborating with your team.

- Export, Print, and Share**
Various export types, including PDF, WORD, EXCEL, TXT, SVG, and image format (PNG, JPG, BMP, etc.).
One-click to print complex bill and invoice in bulk.
Automated reporting helps you to schedule reports to generate and distribute them via email automatically.



Product Architecture



Three Innovative Design Modes

General Report: professional solution for complex reports

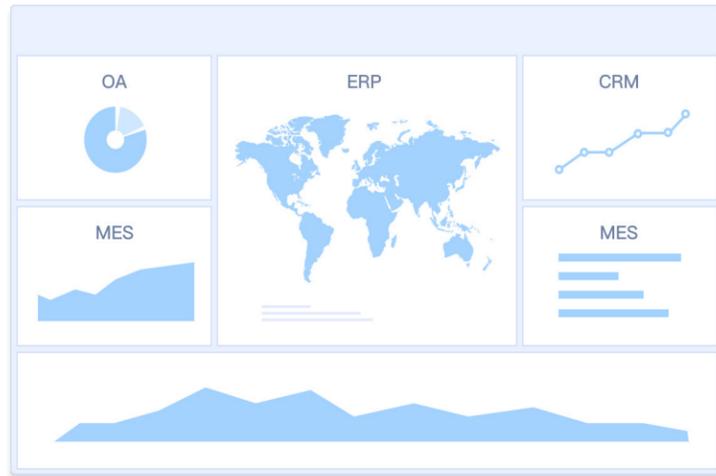
Easily set pagination, grouping, multi-columns. Support building main-sub report, tree report and other customized reports. The dynamic calculations between cells can conveniently realize the ranking, YoY, MoM, the proportion, the cumulative, and other operation cross row and group.

Receivables Summary in Jiangsu Area(unit: thousand yuan)

Company / Project / Part	Contracted Sales		Account Receivable		Contracted Sales		Account Receivable	
	Number	Amount of Invoice	Number	Amount of Invoice	Number	Amount of Invoice	Number	Amount of Invoice
Working area	200	250000	200	200000	200	200000	200	200000
Working area	100	100000	100	100000	100	100000	100	100000
First class	200	180000	100	200000	100	100000	20	400
A	200	180000	100	200000	100	100000	20	400
Four class								
B								
Original order	100	75000	100	60000	100	100000	40	300
First class	70	48000	100	20000	100	100000	20	400
B	70	48000	100	20000	100	100000	20	400
Second class								
A	50	27000	100	20000	100	100000	20	400
B	50	27000	100	20000	100	100000	20	400
Third class								
A	100	120000	100	100000	100	100000	10	300
B	100	120000	100	100000	100	100000	10	300
First class	700	55000	200	40000	200	200000	4000	
B	400	80000	100	20000	100	100000	2000	
C	300	30000	100	20000	100	100000	2000	
Working area	400	75000	100	20000	100	100000	20	400
First class	200	75000	100	20000	100	100000	20	400
B	200	75000	100	20000	100	100000	20	400
Original order	100	75000	100	60000	100	100000	40	300
First class	70	48000	100	20000	100	100000	20	400
B	70	48000	100	20000	100	100000	20	400
Second class								
A	50	27000	100	20000	100	100000	20	400
B	50	27000	100	20000	100	100000	20	400
Third class								
A	100	120000	100	100000	100	100000	10	300
B	100	120000	100	100000	100	100000	10	300
First class	700	55000	200	40000	200	200000	40	300
B	400	80000	100	20000	100	100000	20	400
C	300	30000	100	20000	100	100000	20	400
Working area	400	75000	100	20000	100	100000	20	400
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B	50	40000	100	20000	100	100000	20	400
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Second class								
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B	100	20000	100	20000	100	100000	20	400
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Third class								
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B	100	20000	100	20000	100	100000	20	400
Second class								
A	50	20000	100	20000	100	100000	20	400
B	50	20000	100	20000	100	100000	20	400
Third class								
A	100	20000	100	20000	100	100000	20	400
B	10							

Data Integration

Support extracting and combing data across databases and tables, and easy to integrate data from ERP/OA/MES and other enterprise systems in a single platform, which eliminates data silos within your organization.



Data Sources Support

- Relational databases: include such mainstream relational databases as Oracle, SQLServer, MySQL, DB2, Sybase, Access, Derby, Postgres, Informix; Support SQL data sheets or views, or stored procedures.
- Text data sources: Excel files, TXT files, XML files, etc.
- Multidimensional databases: Essbase, SSAS, SAP, Hadoop, FineCube
- Nosql data source: MongoDB
- Built-in datasets: Server built-in datasets and report built-in datasets
- Others: Program data source, JSON, SAP data source

Data Entry

- Various widget types support data entry of massive data volume
- Intelligent data submission widgets satisfy customized submission requirements
- Comprehensive data validation ensure the correctness of the data formats
- Support import excel data online and in batches

- Temporary data storage get you rid of network constraint
- Smart temporary storage avoids data loss due to accidents
- The multi-sheet data entry combines multiple independent reports in a tab way for easy editing of various reports at the same time
- Multi-level reporting can quickly achieve the process of data reporting, approval and return

Decision-Making Platform

- User Management
- Directory Management
- Task Schedule
- Security Management
- Hierarchical Authority Management
- Authority Management
- Appearance Configuration
- System Management
- Intelligent Operation & Maintenance

Permission Management:
Fine-grained access control, granular permissions includes data connection, platform management, cell content, widget, hidden columns, sheet, chart, etc. Permission can be allocated according to the department position, role, and user.

Hierarchical Permission Management:
Different branches or departments can share the same system. Each branch or department has its administrator, who assigns permissions to its subordinate employees.

Task Schedule:
Automatically trigger tasks based on frequency or conditions such as effectively implement daily, monthly, quarterly, and annual reports that require manual processing.

Intelligent Operation and Maintenance:
Support memory management, cluster configuration, backup & restore, smart detection, cloud operation & maintenance, platform logs, and resource migration, saving the high cost of the IT department.



Data Visualization Chart

Impressive HTML5 charts self-developed by FineReport can be used cross-platform, adaptive to web design, and support instant update. You can also connect to Echarts and other third-party widgets to make charts, or use novel diagrams developed based on WebGL.



Dynamic Interactive Effects

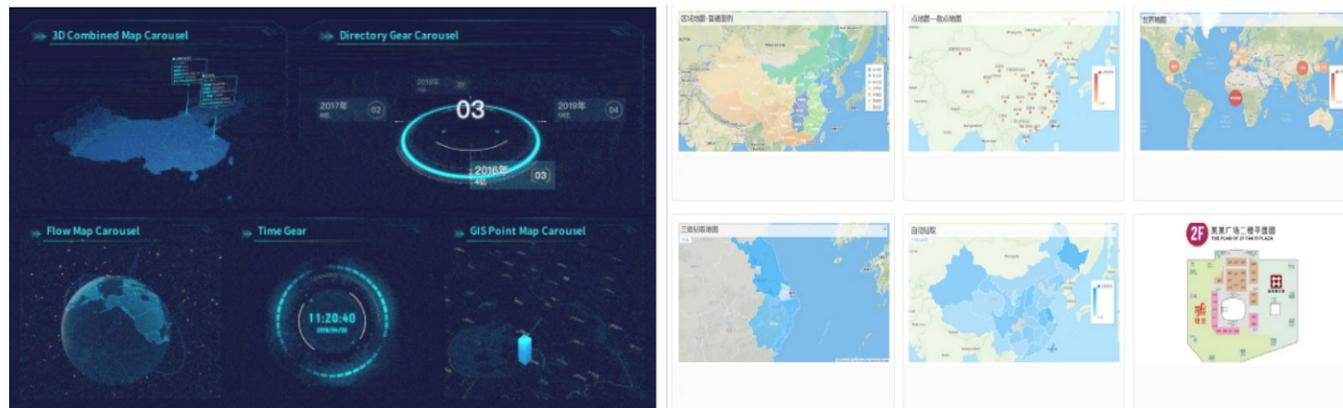
- Data Tooltips
- Interactive Highlighting
- Series Interaction
- Online Switch
- Coordinate Scaling
- Automatic Refresh

3D effects

- 3D Cylindrical Earth
- 3D Point Earth
- 3D Flow to Earth
- KPI Card
- Time Gear
- Catalog Gear

Data Map

- Symbol Map
- Regional & Drill Map
- Heat Map
- Flow Map
- Custom Map
- GIS Map



TV/ Large Screen Dashboard

- Canvas-like interface with various layout modes.
- Easily integrate data from multi-business systems such as ERP/OA/MES for multi-perspective
- Special chart plug-ins for TV and large screens
- Show live data and refresh automatically, with problem alert



Mobile App

"Data Analyst" APP is available on the app store! Newly adopted ReactNative technology, give you perfect product experience as PC, helps you manage and analyze data at fingertips.

Drilling & Linkage

The mobile-side chart component supports pivot operations such as drilling down and also supports analysis functions such as data linkage between charts.

Parameter Query

The parameter query of the PC-side analysis report is also applicable to the mobile terminal. The query button is called up through the bottom-funnel button to filter the data.

Message Push

Support the setting of timing frequency, trigger conditions, and other push information to the APP side. Or integrate with WeChat, Line, etc., to realize live data notification and warning.

Scan & Input

The mobile terminal supports using the camera of mobile phone to scan QR code, and barcode to recognizes the input information. Also, supports scan to query, scan to input data.

Mobile Data Entry

Mobile data entry supports various types of controls, data validation, and temporary storage to satisfy data collection anytime and anywhere.

Comment & Sharing

You can perform handwritten comment and share it to colleagues by email or WeChat for further discussion and collaboration on the mobile terminal.

Photo Upload

The mobile terminal supports using mobile cameras to upload and submit files to storage.

Offline View

Support viewing reports offline. When the network environment is not good, or traffic is limited, the offline mode can be enabled.

Pinch-Zoom Gesture

Mobile APP supports pinch-zoom gesture and clicks to view chart component details. The flexible interaction gives you a smooth experience.

High Security

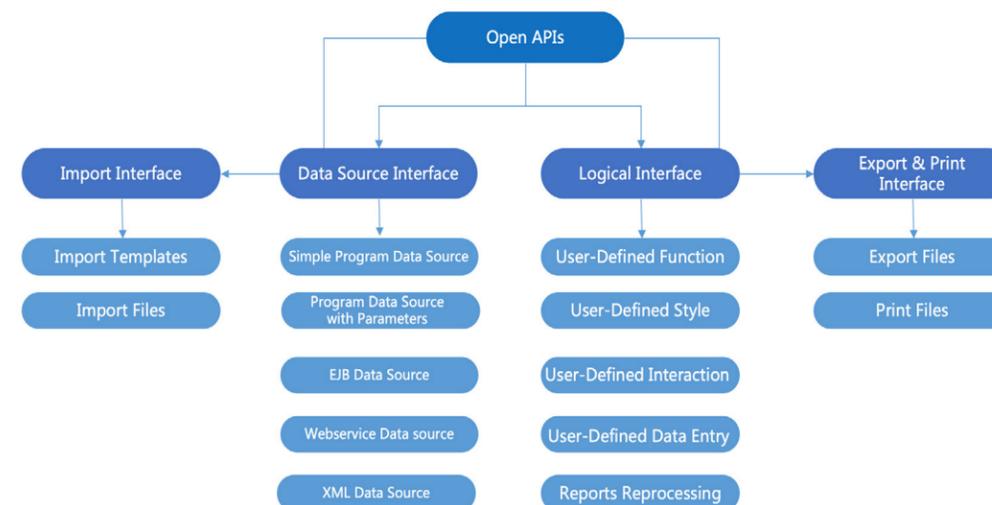
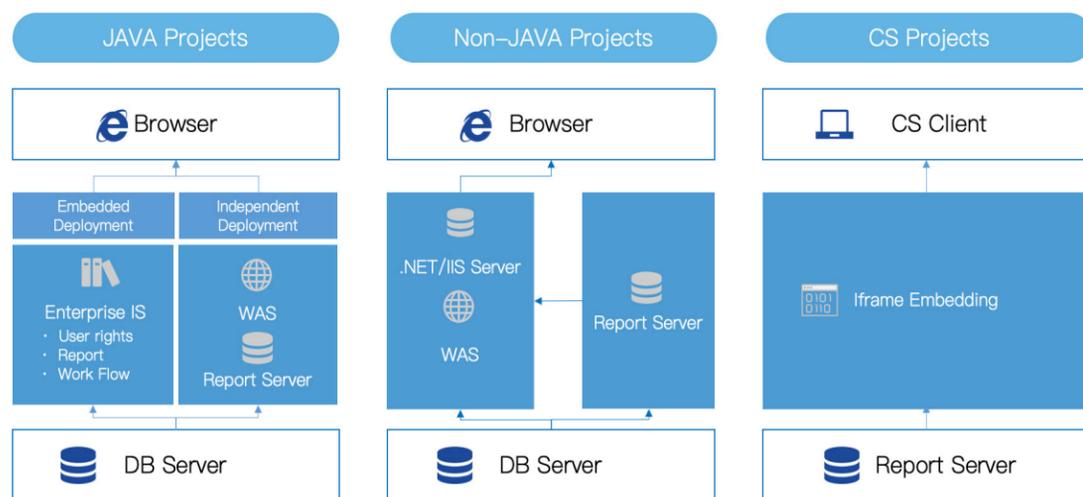
For the security of mobile data, it provides a triple guarantee: inherits the data permission setting of the PC; supports the MAC address binding of the mobile device; supports VPN channel encryption.



Deployment & Integration

100% Java software, supporting Windows, MacOS, and Linux. Easily integrate with existing OA, MES, ERP, etc.

- Can be seamlessly integrated with any JAVA projects, supports independent and embedded deployment.
- Non-JAVA projects can also be perfectly deployed and integrated with the support of an independent web server.
- C/S system and page integration are achieved through embedded browser controls and iframe.
- Cluster with high consistency and high availability
- Four approaches for single sign-on to support multiple systems



FanRuan Software Co., Ltd.

FineReport is trusted by 15000+ clients globally covering 233 sectors

Countries or regions covered by our business: Mainland China, Taiwan, Japan, Korea, Singapore, Thailand, USA, etc.



Security Guarantee

Account security:

Provide additional account security measures along with more detailed audit logs.

Data security:

Provide multiple ways to verify permissions. Encrypt password information and store it uniformly. As well as provide a more customized watermarking function to reduce the risk of data leakage.

Operational security:

Provide regular system backups to ensure recovery from malicious changes.

Mobile security:

Mobile App comprehensively upgrading from six aspects, including identity security, data security, network communication security, client operation security, mobile APP security reinforcement, and security audit.

Customization

FineReport allows application developers to develop and control in depth through the use of web scripts, API interfaces, etc. It supports plug-in development, installation, use, and management to satisfy their individual needs as well as enable a fast response to any new demands.





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FineReport Reporting Software

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