

Diagram

Discussion [here](#). This was added to [Tiki19](#) as [PluginDiagram](#), and much improved in [Tiki20](#).

Introduction

[+]

Bugs & Wishes

Open or Pending

Items found: ████

Title	LastModif	Resolution Status	Submitted By	Volunteered	Category	Version	Feature	Priority
● Link to Edit diagram should only be shown to anons if no antibot captcha is required	07 Oct 20	New	Xavier de Pedro		• Conflict of two features (each works well independently) • Error	21.x 22.x	Diagram (Drawings, Diagrams, Flowcharts and more)	49
● Link to 'Edit diagram' shouldn't be displayed in Slideshow	22 Jan 22	Confirmed	Xavier de Pedro		• Conflict of two features (each works well independently) • Usability	21.x 22.x 23.x 24.x	Diagram (Drawings, Diagrams, Flowcharts and more) Slideshow	45
● Diagram not exported to PDF (mPDF)	26 Mar 21	Confirmed	David Bensel		• Bug	20.x 21.x 22.x	Diagram (Drawings, Diagrams, Flowcharts and more) PDF	40
● Importing MS Visio .vsd in PluginDiagram fails with 'mascript is not defined' while same process succeeds in draw.io with same tool version	05 Mar 20	New	Xavier de Pedro		• Error	21.x	Diagram (Drawings, Diagrams, Flowcharts and more)	40
● PluginDiagram not showing diagram if file stored in file gallery	28 Sep 20	Confirmed	Xavier de Pedro		• Conflict of two features (each works well independently) • Error	21.x 22.x	Diagram (Drawings, Diagrams, Flowcharts and more) Wiki Plugin (extends basic syntax)	40

Title	LastModif	Resolution Status	Submitted By	Volunteered	Category	Version	Feature	Priority
● Diagram, Multilingual; A Tiki diagram will be look broken if displayed on an RTL wiki page	10 Jan 23	New	Bernard Sfez / Tiki Specialist		<ul style="list-style-type: none"> • Bug • Conflict of two features (each works well independently) 	25.x master	Diagram (Drawings, Diagrams, Flowcharts and more) i18n (Multilingual, l10n, Babelfish)	35
● mpdf generation doesn't include diagrams if only local casperjs installed but service to export images from draw.io not enabled	05 Aug 21	New	Xavier de Pedro		<ul style="list-style-type: none"> • Conflict of two features (each works well independently) • Consistency • Error 	24.x	Diagram (Drawings, Diagrams, Flowcharts and more) PDF	25
● make mpdf of diagrams work also when behind a firewall using proxy	05 Aug 21	New	Xavier de Pedro		<ul style="list-style-type: none"> • Conflict of two features (each works well independently) • Error 	24.x	Diagram (Drawings, Diagrams, Flowcharts and more) PDF	25
● Diagram; Exit and Save and Exit are not working after several saves	10 Dec 22	New	Bernard Sfez / Tiki Specialist		<ul style="list-style-type: none"> • Bug 	25.x master	Diagram (Drawings, Diagrams, Flowcharts and more)	10

+ Create Item

Implementation plan

“

mxGraph - An open source JavaScript diagramming component, started in 2005, that works on all major browsers, including touch devices.

draw.io - A web based diagramming application built on mxGraph, that integrates with Google Drive , OneDrive and Dropbox. draw.io is also a plugin for Atlassian's Confluence and JIRA.

Source: <https://www.jgraph.com/>

So we will also build upon mxGraph

Deployment

- Deployed via [Packages](#) because of Apache [license](#)
- Needs to be added to [Packagist](#) or we use <https://asset-packagist.org/package/npm-asset/mxgraph>

PluginDiagram

2 modes for plugin:

Option 1: store in file galleries, which can manage version history`{diagram fileID=622}`**Option 2: store data in current wiki page**

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<mxCell id="88" value=""
style="edgeStyle=elbowEdgeStyle;elbow=horizontal;strokeColor=#990000;strokeWidth=2"
parent="1" source="5" target="11" edge="1">
  <mxGeometry width="100" height="100" relative="1" as="geometry">
    <mxPoint x="50" y="500" as="sourcePoint"/>
    <mxPoint x="150" y="400" as="targetPoint"/>
    <Array as="points">
      <mxPoint x="390" y="470"/>
    </Array>
  </mxGeometry>
</mxCell>
<mxCell id="89" value=""
style="edgeStyle=elbowEdgeStyle;elbow=horizontal;strokeColor=#990000;strokeWidth=2"
parent="1" source="11" target="5" edge="1">
  <mxGeometry width="100" height="100" relative="1" as="geometry">
    <mxPoint x="59.999999999999886" y="510" as="sourcePoint"/>
    <mxPoint x="159.9999999999999" y="410" as="targetPoint"/>
  </mxGeometry>
</mxCell>

```

```

    <Array as="points">
      <mxPoint x="410" y="470"/>
    </Array>
  </mxGeometry>
</mxCell>
<mxCell id="90" value="Version&
specs" style="text;spacingTop=-5;align=center" parent="1" vertex="1">
  <mxGeometry x="261" y="461" width="30" height="20" as="geometry"/>
</mxCell>
<mxCell id="91" value="Certificates,&
system&
libraries" style="text;spacingTop=-5;align=center" parent="1" vertex="1">
  <mxGeometry x="180" y="461.00000000000002" width="30" height="20" as="geometry"/>
</mxCell>
<mxCell id="92" value=""
style="edgeStyle=elbowEdgeStyle;elbow=horizontal;strokeColor=#990000;strokeWidth=2"
parent="1" source="5" target="10" edge="1">
  <mxGeometry width="100" height="100" relative="1" as="geometry">
    <mxPoint x="30.0000000000000114" y="500" as="sourcePoint"/>
    <mxPoint x="130.00000000000001" y="400" as="targetPoint"/>
    <Array as="points">
      <mxPoint x="250" y="470"/>
    </Array>
  </mxGeometry>
</mxCell>
<mxCell id="93" value=""
style="edgeStyle=elbowEdgeStyle;elbow=horizontal;strokeColor=#990000;strokeWidth=2"
parent="1" source="10" target="5" edge="1">
  <mxGeometry width="100" height="100" relative="1" as="geometry">
    <mxPoint x="40" y="510" as="sourcePoint"/>
    <mxPoint x="140" y="410" as="targetPoint"/>
    <Array as="points">
      <mxPoint x="230" y="470"/>
    </Array>
  </mxGeometry>
</mxCell>
<mxCell id="94" value="System&
specs" style="text;spacingTop=-5;align=center" parent="1" vertex="1">
  <mxGeometry x="139.99999999999994" y="565.00000000000001" width="30" height="20"
as="geometry"/>
</mxCell>
<mxCell id="95" value="Design&
specs" style="text;spacingTop=-5;align=center" parent="1" vertex="1">
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as="geometry"/>
</mxCell>
<mxCell id="96" value="System&
version" style="text;spacingTop=-5;align=center" parent="1" vertex="1">
  <mxGeometry x="350.99999999999998" y="461" width="30" height="20" as="geometry"/>
</mxCell>
</root>
</mxGraphModel>
{DIAGRAM}

```

To do soon

- Diagrams on existing images. Text and arrows mostly

Keep in mind for the future

- Adding hyperlinks to Tiki objects (wiki pages, trackers items, etc.) or external URL
 - Add a visual indication of a hyperlink
 - Backlinks: so the hyperlinked object can indicate it is part of a drawing
- [Realtime](#) collaboration like with [Google Drive](#)
 - <https://github.com/igniterealtime/Pade/issues/73>
- Export / Print: [Converting dynamic JavaScript content into static assets](#)

Related links

- <https://about.draw.io/how-to-make-infographics-in-draw-io/>
- <https://about.draw.io/use-draw-io-on-a-tablet/>
- <https://about.draw.io/organization-charts-and-mind-maps-in-draw-io/>
- <https://about.draw.io/what-makes-a-good-collaborative-diagramming-tool/>
- <https://about.draw.io/tag/bpmn-diagrams/>
- <https://about.draw.io/improving-business-processes-with-draw-io/>
- Ideas for integration: <https://about.draw.io/integrations/confluence-integration/>
- <https://github.com/jgraph>
- <https://github.com/jgraph/drawio-desktop>

Alias names for this page:

[Draw.io](#) | [mxGraph](#) | [Diagrams](#) | [PluginDiagram](#) | [Plugin Diagram](#)