

Eclipse Dirigible - Low-Code/No-Code Workshop



tinyurl.com/dirigible-openfest2022

Eclipse Dirigible

The screenshot shows the official Eclipse Dirigible website. At the top, there's a navigation bar with links for Home, Documentation, API, Samples, Blogs, News, and Releases. A prominent orange "Downloads" button is located on the right side of the header. Below the header, the main content area features a large yellow banner with the text "Eclipse Dirigible" and "ENJOY PROGRAMMING LIKE NEVER BEFORE". It describes the platform as a low-code platform for end-to-end rapid development of business applications. Two buttons, "Get started" and "Try it out", are visible. To the right of the banner, there's a 3D-style image showing multiple screens displaying various software interfaces related to database modeling, business process modeling, and in-system development.

What is Dirigible?

Eclipse Dirigible™ is a High-Productivity Application Platform that provides development tools and a runtime environment. It supports the full development lifecycle of applications by leveraging an in-system programming model and rapid application development techniques.

What can I do?

Eclipse Dirigible provides capabilities for end-to-end development process from database modeling and management, through RESTful services authoring using various dynamic languages, to pattern-based user interface generation, role-based security, external services integration, testing, debugging,

Is it free?

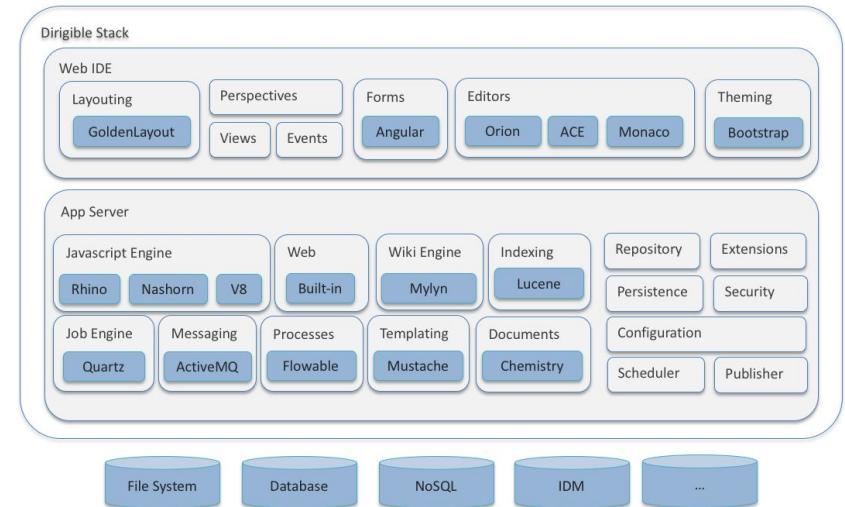
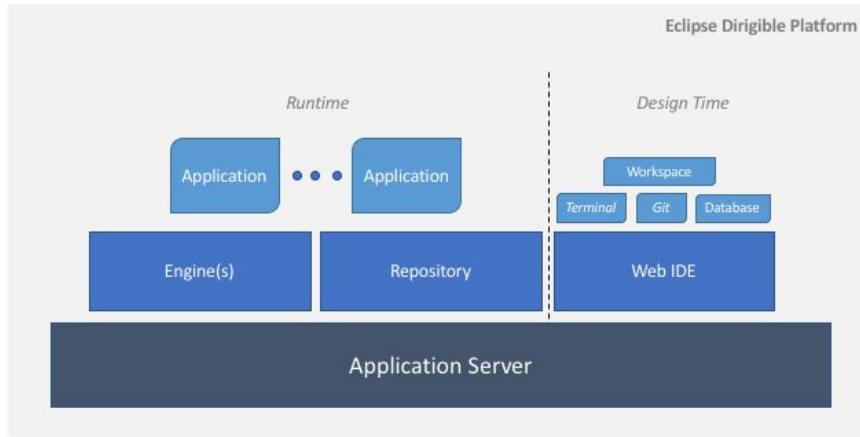
YES
All the Eclipse Dirigible project's source code and sample applications are licensed under Eclipse Public License - v 2.0 and maintained at GitHub.

The screenshot shows the Eclipse Dirigible Workbench interface. The title bar indicates "eclipse/dirigible" and "Version 6.3.30 (2017-08-01) Build 81". The left sidebar includes icons for Workbench, Projects, and various system status indicators. The main area is titled "Welcome" and displays the message "Welcome to Eclipse Dirigible™". Below this, a section titled "Create a new project" lists several project templates: "Hello World", "Database Table", "HTTP Client", "HTML5 (AngularJS)", "Bookstore Application", "Application Launchpad (AngularJS)", and others. At the bottom of the interface, there are tabs for Properties, Console, Preview, and Problems, along with search and import functions.

<https://www.dirigible.io>

<https://trial.dirigible.io>

Eclipse Dirigible - Architecture



<https://www.dirigible.io/help/overview/>

<https://www.dirigible.io/help/development/concepts/>

Eclipse Dirigible - JavaScript APIs

Overview

- Module: `http/v4/response`
- Alias: `http/response`
- Definition: <https://github.com/eclipse/dirigible/issues/13>
- Source: </http/v4/response.js>
- Facade: [HttpResponseFacade](#)
- Status: `stable`

Basic Usage

```
var response = require("http/v4/response");

response.println("Hello World!");
response.flush();
response.close();
```

Steps

1. Create a project `database`.
2. Then create a JavaScript service named `database-query.js`.
3. Within the service code, enter the following content:

```
var query = require("db/v4/query");
var response = require("http/v4/response");

var sql =
  "SELECT * FROM DIRIGIBLE_EXTENSIONS WHERE EXTENSION_EXTENSIONPOINT_NAME = ?";
var resultset = query.execute(sql, ["ide-view"]);

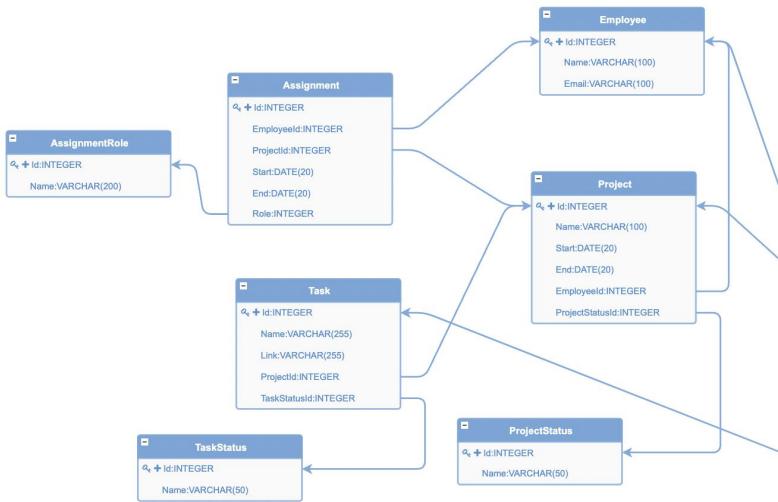
response.setContentType("application/json");
response.println(JSON.stringify(resultset, null, 2));

response.flush();
response.close();
```

<https://www.dirigible.io/api/>

<https://www.dirigible.io/samples/>

Eclipse Dirigible - Low-Code/No-Code



The screenshot shows the Eclipse Dirigible IDE interface with two open modules:

- Employee**: A list view showing one item for "John Doe" with email "john.doe@mail.com". A detailed view panel on the right shows "Employee Details" with fields for Name and Email.
- Assignment**: A list view showing one item for "Dev Project 2022" with role "Developer", start date "31.12.2021", and end date "11.03.2022".

[https://www.dirigible.io/help/development/
ide/modelers/entity-data/](https://www.dirigible.io/help/development/ide/modelers/entity-data/)

[https://www.youtube.com/watch
?v=im_BMYNnLZQ](https://www.youtube.com/watch?v=im_BMYNnLZQ)

Feedback

