**BIRT**

The Business Intelligence and Reporting Tools (BIRT) Project is an [open source software](https://en.wikipedia.org/wiki/Open_source_software) project that provides reporting and [business intelligence](https://en.wikipedia.org/wiki/Business_intelligence) capabilities for [rich client](https://en.wikipedia.org/wiki/Rich_client) and [web applications](https://en.wikipedia.org/wiki/Web_application), especially those based on [Java](https://en.wikipedia.org/wiki/Java_(programming_language)) and [Java EE](https://en.wikipedia.org/wiki/Java_EE). BIRT is a top-level software project within the [Eclipse Foundation](https://en.wikipedia.org/wiki/Eclipse_Foundation), an independent [not-for-profit](https://en.wikipedia.org/wiki/Not-for-profit) consortium of software industry vendors and an [open source community](https://en.wikipedia.org/wiki/Open_source_community).

The project's stated goals are to address a wide range of reporting needs within a typical application, ranging from operational or [enterprise reporting](https://en.wikipedia.org/wiki/Enterprise_reporting) to multi-dimensional online analytical processing. Initially, the project has focused on and delivered capabilities that allow application developers to easily design and integrate reports into applications.

BIRT has two main components: a visual report designer within the [Eclipse IDE](https://en.wikipedia.org/wiki/Eclipse_IDE) for creating BIRT Reports, and a runtime component for generating reports that can be deployed to any Java environment. The BIRT project also includes a charting engine that is both fully integrated into the report designer and can be used standalone to integrate charts into an application.