

# Summer of Code Project

## Improving the KOffice Component Framework

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### 3. Overview

KOffice is an integrated office suite directly built on the KDE technology. It extends the integration capabilities of KDE to allow good KOffice component/document integration. It is lightweight, yet offers a complete set of office components.

<http://www.koffice.org>

### 4. Project Proposal

There is only limited control over what information of an embedded document is presented in the parent document. To allow finer control over presented content the common component framework needs to be extended to allow additional embedding configuration.

### 5. Vision

It is currently easily possible to integrate flow charts and diagrams into presentations, spreadsheets into text documents (or any other way round), even in multiple depths. You can even have a database frontend (Kexi) inside a spreadsheet (KSpread).

KPlato (K Planning Tool) is a project management component still under development and it will be included in the next major KOffice release. A desired goal is to allow for example KWord, the text processor, to include various pieces of information about a project by means of embedding the KPlato component. The text document should be able to selectively show different pieces of information of the project, the Gantt chart, resources, general project infos, etc. This also applies to spreadsheets for example and a lot of other things. To achieve this, the component framework needs to be extended.