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| **Talend Architecture Overview**   * What is Talend Platform and Open Studio Editions * Use cases with Big Data Technologies * Talend Products and Market * Talend Architecture   **Installation and Setup**   * Big Data Product Download * Java installation and setup * Talend configuration and setup * Create Local Project and Workspace   **Getting started with Talend**   * Starting with Talend Studio * Introduction to category of (900+) Talend Components * Talend Project Properties and Preference setting * What is Context and Context group   **Talend Metadata Repository**   * What is Metadata * Designing of Metadata * Creating Metadata File templates * [Creating Metadata from CSV (Delimited) file](http://www.vikramtakkar.com/2012/12/generating-metadata-for-cvs-delimited.html), XML file, Database Tables, Excel Files   **Working with Files**   * Reading an input file * Transforming data * Running a Job * Combining columns * Duplicating a Job   **Joining data sources**   * Creating metadata * Joining data sources * Capturing rejects * Correcting a lookup   **Filtering data**   * Filtering output data * Using multiple filters   **Error handling**   * Detecting and handling basic errors * Raising a warning   **Working with databases**   * Creating database metadata * Creating a customer table * Creating a product table * Setting up a sales table * Joining data * Finalizing a Job   **Creating master Jobs**   * What is Child and Parent Jobs in Talend * Context handling in Master-Child Job Design * Controlling Job execution using a master Job   **Running a stand-alone Job**   * Building a Job * Modifying a Job * Deployment of Jobs |

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