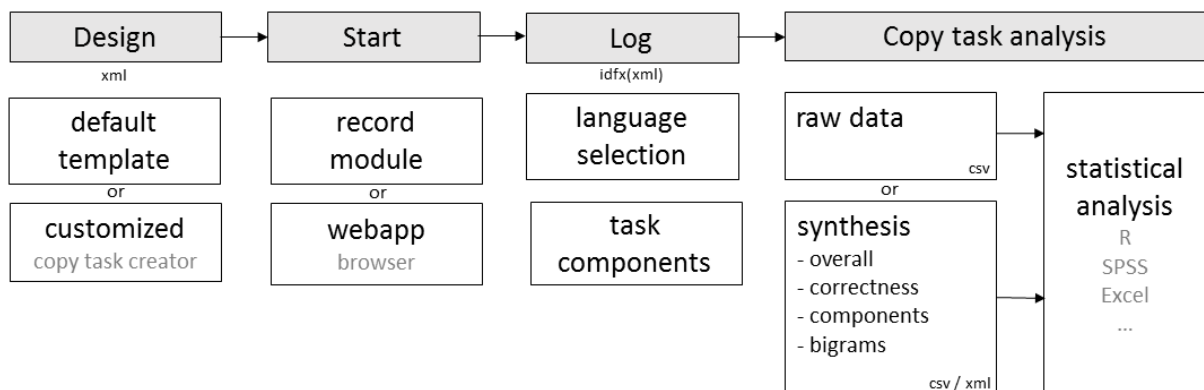


# Inputlog Copy Task Flow

The inputlog copy task flow consists of four main steps (see Figure 1):

1. *Design*: use the default task or build the copy task and its components;
2. *Start*: launch the copy task on the web;
3. *Log*: initiate timed keystroke logging of all typing events;
4. *Analyse*: execute the analysis of logged data.



**Figure 1:** Description of the Inputlog Copy Task Flow from design to analysis.

## 1. Design

The default Inputlog copy task consists of seven components and exists in ten languages. However, using the Copy task creator, it is possible to adapt this default task or develop a new copy task that meets your specific needs. The design is stored in an XML file.

## 2. Start

To launch the copy task there are two possibilities. Either you activate Inputlog (version 8 or later), and select the copy task option in the record module. This will open the web application. Another possibility is that you directly launch the web application via the following URL:

<http://inputlog.ua.ac.be/Website/copytask/tasks.html>

The interface allows you to select the default copy task in one of the available languages, or to upload your custom made copy task (XML-file).

## 3. Log

When you launch the selected copy task, the log module is activated. The logging facility stores the basic copy task, the component identification, every keystroke - together with a time stamp - and also the answers to the opening and closing questionnaire.

The logfile is stored as an XML file.

## 4. Analyse

To analyse the log data file, Inputlog (version 8 or later) provides a Copy Task Analysis. This analysis provides two options: a synthesis analysis (XML) and a raw data analysis (CSV).

The *synthesis analysis* presents multiple perspectives at an aggregated level: correctness scores, overall Interkey Interval (IKI) measures, component analysis and several analyses addressing the manipulated bigram characteristics. Also a time and trial filter is provided.

The *raw data analysis* generates a low level data file at the bigram level, adding language specific bigram characteristics to the timed information.

These data files can be merged (post process in Inputlog) so as to allow further analysis of multiple copy tasks in *statistical programs* like SPSS or R.