Local use - In-Progress Deliveries
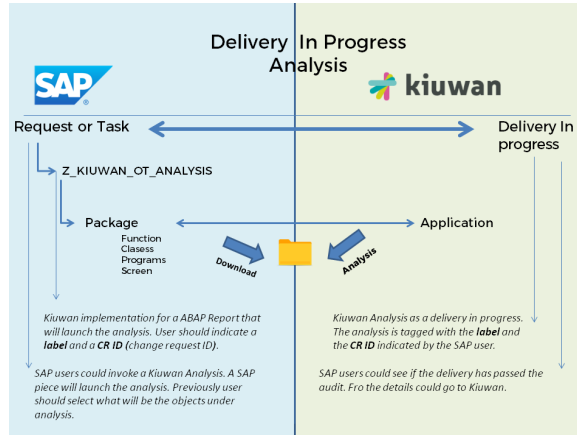
> (i) **Contents:**
>
> - Kiuwan analysis for Change Requests / Tasks "in progress"

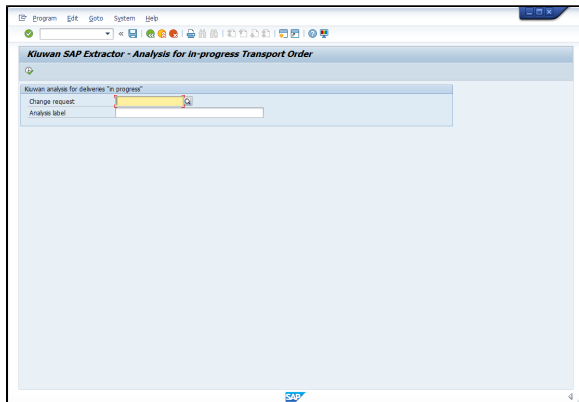## Kiuwan analysis for Change Requests / Tasks "in progress"

You can analyze a Change Request previously before its release. The process can be depicted as follows:
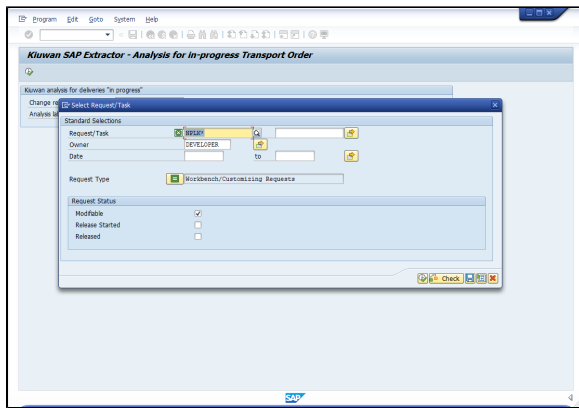

When the Kiuwan Local Analyzer is deployed in the SAP system, you may analyze a Chage Request (or Task) currently in progress.

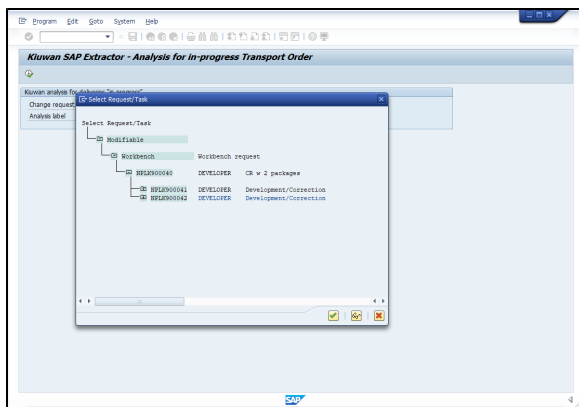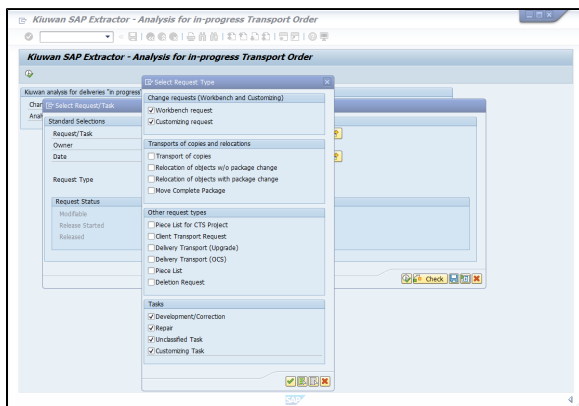To do it, execute program `ZKW_ANALYSIS_TO` (using transaction **SA38**)

Specifying a Change Request (CR) or Task ID, and an Analysis Label, to download and analyze the associated source code in the SAP system.
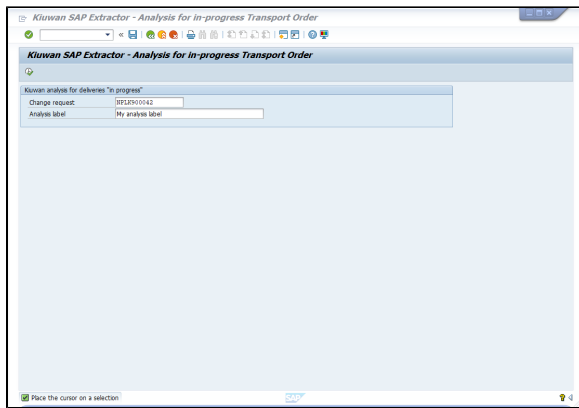
You can select either a **Request** or a **Task**.

Note: If you are selecting a task, be sure you select the correct task type.

Once you have selected your Request/Task ID, specify a **Label** for your analysis (so you can find it easily later in the Kiuwan website).

After clicking the **Execute** button, the analysis process will be executed as described below:

1. The source code associated to Request/Task is downloaded
   a. Download directory is *<DIR_HOME>/sape4k/code/<ReqTask_ID>* (you can use *AL11* transaction to inspect DIR_HOME value)
      i. in linux,typically /usr/sap/<SAP_SID>/D<Instance_Number>/work
      ii. in windows, change / by <drive>:\
   b. Under *<DIR_HOME>/sape4k/code/<ReqTask_ID>*, there will be a directory for every SAP Package involved in the CR/Task
   c. **Important**: Only "Active" objects will be exported and analyzed

2. For every SAP package contained into the Request/Task, a Kiuwan analysis is executed
   a. using SAP package name as Kiuwan application name (*-n <SAP_package_name>*, see Kiuwan Local Analyzer CLI - Command Line Interface)
   b. using <DIR_HOME>/sape4k/code/<ReqTask_ID>/<SAP_Package_Name> as source dir (*-s <DIR_HOME>/sape4k/code/<ReqTask_ID>/<SAP_Package_Name>*)
   c. using Analysis label as Kiuwan analysis lable (*-l <Analysis label>*)
   d. the analysis is executed as a **Partial** Delivery (*-as partialDelivery*)
   e. the analysis will use Request/Task ID as Kiuwan Change Request name (*-cr <Request /Task ID>*)
   f. the delivery will be marked in Kiuwan as **In Progress** (*-crs inprogress*)
   g. the analysis will wait for results (*-wr*) from Kiuwan cloud (i.e. it will be blocked until the cloud analysis finishes)

3. The process will analyze every SAP package unless an unsuccessful return code is received (*ret code != 0*)
   a. In case of an unsuccessful analysis, the whole analysis stops and a window is displayed with an error message.
   b. Bear in mind that a special case is when the Audit associated with the analysis of a package fails. This condition will also stop the whole analysis.