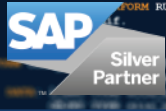


```

IF TS_DOC_LIST-FILENAME is not initial.
PERFORM SAVE_SELECTED_FILE using TS_DOC_LIST
gd_path.

WHEN 'AICL'.
CASE I_SEL-fieldname.
WHEN 'DOKNR' or 'DOKAR' or 'DOKTL' or 'DOKVR'.
if i_sel-value is not initial.
READ TABLE TT_DOC_LIST into TS_DOC_LIST index I_SEL-tabindex.
concatenate TS_DOC_LIST-DOKNR '-' TS_DOC_LIST-DOKAR '-' WHEN 'AICL'.
TS_DOC_LIST-DOKTL '-' TS_DOC_LIST-DOKVR into OBJKT.
FORM RUN_INSTI USING 'D' OBJKT.
endif.
WHEN 'DOKNR' or 'DOKAR' or 'DOKTL' or 'DOKVR'.
if i_sel-value is not initial.
READ TABLE TT_DOC_LIST into TS_DOC_LIST index I_SEL-tabindex.
concatenate TS_DOC_LIST-DOKNR '-' TS_DOC_LIST-DOKAR '-' TS_DOC_LIST-DOKTL '-' TS_DOC_LIST-DOKVR into OBJKT.
FORM RUN_INSTI USING 'D' OBJKT.
endif.
EXPORTING window_title = 'File Directory'
initial_folder = 'C:'
CHANGING selected_folder = gd_path.
loop at TT_DOC_LIST into TS_DOC_LIST where
checkbox_box = 'X'.
if TS_DOC_LIST-FILENAME is not initial.
PERFORM SAVE_SELECTED_FILE using TS_DOC_LIST
gd_path.
endif.
endloop.
CASE I_SEL-fieldname
WHEN 'DOKNR' or 'DOKAR' or 'DOKTL' or 'DOKVR'.
if i_sel-value is not initial.
READ TABLE TT_DOC_LIST into TS_DOC_LIST index I_SEL-tabindex.
concatenate TS_DOC_LIST-DOKNR '-' TS_DOC_LIST-DOKAR '-' TS_DOC_LIST-DOKTL '-' TS_DOC_LIST-DOKVR into OBJKT.
FORM RUN_INSTI USING 'D' OBJKT.
endif.
endif.

```



Asset Data Management for The Energy Sector

SAP Development Services

The development is a method of bridging a gap between the existing ERP performance and the desired one.



The SAP development is a tool that allows tailoring of the ERP for the need that makes an enterprise unique. Nevertheless, a great tool comes with a great price and the price for the usage of the development is a complexity of the tools.

Development tools

Keel has mastered the main development Environments for SAP, and even though the SAP Cloud Platform is a most advanced environment due to the deep integration with SAP and a broad variety of services available for users, there are some other places where SAP development takes place, and they may be preferable in some situations.

Eclipse

Eclipse is an open-source IDE (Integrated Development Environment), and SAP develops and provides tools for Eclipse. These tools are libraries that cover a broad range of development needs, whether it's ABAP development, Identity Tools, or SAPUI5.

Mastering this environment, our specialists have discovered that the main advantages of using Eclipse include:

- SAP Independent tool, which doesn't require ownership of an SAP license and can be utilized for third-party software developers;
- Open-sourceness gives fully functional software that doesn't require any license or subscription costs along with the possibility to improve the software for personal needs;
- Robust performance;
- Eclipse runs locally thus doesn't require a connection.

The main advantage of using this platform is SAP independence and being the environment that can be used to develop almost anything in any language.



SAP Cloud Platform

SAP Cloud Platform is a cloud-based solution that provides the environment with deep integration with SAP S/4 Hana and contains a set of various services that simplify the development and build processes. The central element of the SAP Cloud Platform in the sphere of Development is the SAP Web IDE that allows a full-stack development, testing, deployment, building of apps.

An interesting perk of using the Platform is services that are currently divided into 22 categories for various needs ranging from Analytics to Gamification.

A notable instrument of SAP Cloud Platform is SAP Mobile Services that allows building applications for various mobile operating systems.

Keel favors this platform as an SAP development tool due to its superiority and the SAP ERP orientation. This is a go-for option for SAP development when it's possible.

Built-in ABAP development tools

This environment is built into the SAP ERP System and requires no additional software, libraries, or other means for the development.

Keel uses this environment as a tool for customization of ERP that optimizes the execution of business processes.

Development

The range of SAP development stretches from making a custom transaction using only built-in functions for the development of stand-alone applications.

ERP has to be integrated into business processes and business eco-systems. This integration may be carried out via the usage of the SAP API's that allows the creation of the stand-alone software that interacts with the ERP and the data in it.

Keel has participated in the creation of the stand-alone external applications and has helped our customers to establish and optimize the communication between the software and the ERP via HTTPS requests.

Additionally, Keel has developed its own mobile applications that our specialists test in the real onsite environment.

A special place in SAP development is the optimization of the user experience via Fiori launchpad customization and development of applications that hide behind Fiori tales.

Apart from the Fiori, the improvement of the user experience is accomplished with the usage of the SAPUI5, which is a set of tools designed by SAP to ease the creation of applications.

To summarize the Keel experience and capabilities to:

- develop custom transactions and reports in the existing ERP;
- develop middleware that connects ERP and standalone 3rd party software;
- develop mobile applications;
- develop Fiori apps;
- develop or assist in the development of software that utilizes the usage of SAP APIs;
- integrate ERP into enterprise ecosystem.

For more info about our CMMS services, please contact:

Nadiia Hromiak
SAP AM Department Manager
ng@keelsolution.com
Tel: +38 067 959 28 25

