

HAL Advanced course agenda

Preliminary outline

Common

- Hal-Customization rules
- Upgrade to new versions
- level0 and halpatch folder usage

Database description:

- Subset keys
- Keys for matrix fields
- Functions fields
- Limited access support
- Multi-company registers and blocks

Variables/Declaration:

- Special data types: Area, XML
- Global variables
- Dot notation for date data type

Document Forms in HAL:

- Concept
- Common function descriptions
- Adding new fields to existing documents
- Creating custom documents

Windows/Window Actions:

- Dynamic windows
- Dynamic Paste-Special
- Window subsets
- Special rows
- Calculated fields
- Record lists
- Drop down menu
- Working with standard buttons
- Drag-n-drop support

Record Actions:

- Sequence of record actions, overwriting of existing record actions
- RecordInIndex functionality

Database browsing:

- Advanced functions

Maintenances:

- DBHold and DBFlash functions
- Deleting records

Increasing performance:

- new indexes
- Custom support registers

Synchronization:

- Database design
- Functions

Additional topics:

- Multi-company support in HAL
- Useful standard functions written in HAL
- HAL-related news in latest HW versions

