

ZEN Open Application Development Tools for Smart Microscopy

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Microscopy has become much more than just assembling the correct lenses but a very demanding workflow integrating tools from various areas. To enable researchers to work effectively it is required to offer various tools to bridge and connect those workflow steps in an easy and open way. This is exactly what the Open Application Development (OAD) concept is aiming for. It currently has four core components. The CZI open image data format, the Python Macro Environment, the Experiment Feedback Engine and the Extension Concept. This talk will give a brief overview about the latest activities and advances on those topics and we will be happy to get your feedback regarding our ideas.

Examples:

- CZI File Format
- Python Macro Environment
- Experiment Feedback Engine
- Extension Concept
- Control via TCP/IP