APL Shared libraries

APL Core

Summary

The APLCore library is a library that brings together essential additions and shared by many APL plugins. It avoids the multiplication of copies of code in all plugins using these central features, and facilitates the management of library conflicts.

The APLCore library is also at the heart of ActiveProLearn's Application Tierce Maintenance (TMA) licensing system, providing the additional feature unlock mechanism (Pro Zone) in all value-added plugins.

It also includes a number of complements to Moodle's "core" libraries, or to some embedded open-source libraries, when the latter admit extensions.

It also incorporates some third-party libraries of very general use or crossports from other projects.

In summary, this plugin provides common services to many plugins in the ActiveProLearn range.

Guides

- Installation guide
- UserGuide : There is no User Guide as no directly usable features by end users.
- Configuring APL Additional Documentation

Featuring

- **APLCore Pro (License Manager):** APLCore plugin center, the APL license query system
- **APLCore Pear:** Extensions to QuickForm for improved form ergonomics.
- **APLCore Moogwai Crossport:** Moogwai(*) is a standalone technology highly inspired by Moodle that has integrated significant ergonomic and structural improvements. A very small part of the framework is ported here to enhance the Moodle user experience.
- **APLCore Apl Doc:** An extension allowing APL plugins to benefit from extended documentation from ActiveProLearn repositories.
- **Other libraries :** Overloads of certain classes exploited by APL components.

APLCore related plugins(*)

All value-added components of ActiveProLearn use the APLCore library, at a minimum for the Licensing function. The list below is not exhaustive.

- Course ascendants

- Customlabels] * [[mod:learningTimeCheck|Learning Time Check module
- Learning time Check Reports
- Knowledge pre-assessment
- Enhanced My
- Multiclassing course public catalog
- Moodle Integrated Shop
- Moodle virtualisation (multi-tenant)
- Moodle External Onboarding (Moogai Quickform Wizard, extensions Quickform)
- Page Course Format (Moogai Quickform Wizard, extensions Quickform)
- SQL Dashboard element
- Training Session reports
- User Administration Delegation
- Use stats block
- Zabbix data exporter
- ...

(*) **Note importante :** Les plugins APL sont en cours de conversion de l'ancienne stratégie VFLibs (local_vflibs), monolithique, vers une stratégie plus modulaire de librairies (APL<libname>). La conversion étant en cours, certains plugins de la liste ci-dessus peuvent toujours apparaître comme étant rattachés à la librairie VFLibs. Le basculement vers les nouvelles librairies ne change pas le comportement des plugins, et ne remet pas en cause les licences acquises.

See Also

APLPdf shared library, APLPlot shared library

Technical sheet

- **Component type:** Local
- **Plugin name:** aplcore (Core APL Features)
- **Technical Plugin name:** local_aplcore
- **Supported versions:** m41 to m53
- **Distribution:** Bundled with other APL plugins
- **Availability:** RC

Builds

Note: a “Failing” status does not necessarily mean that the plugin does not work. This status reflects the result of automated tests checking the code against Moodle's strict standards. We are continuously working on bringing all supported plugins progressively into compliance with these development rules.

Branch	Continuous integration tests
405	MOODLE_405_STABLE passing
501	MOODLE_501_STABLE passing

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