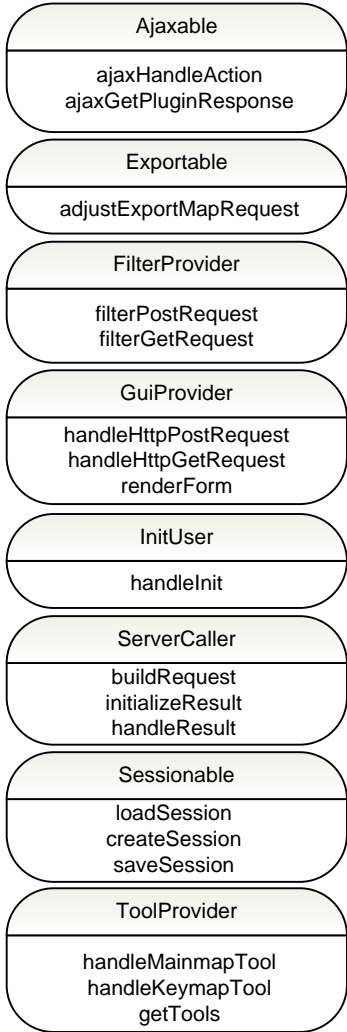# CartoWeb3 Plugins Board
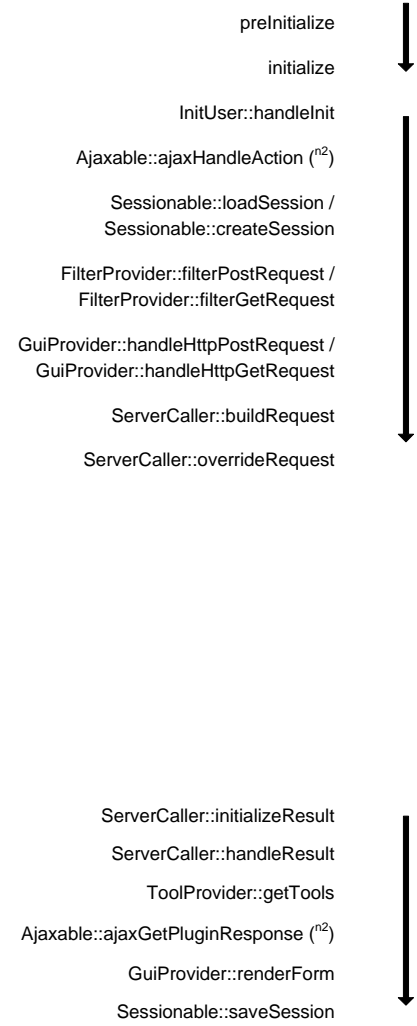
Plugins interfaces summary and entry-points timeline for CartoClient and CartoServer

CartoClient
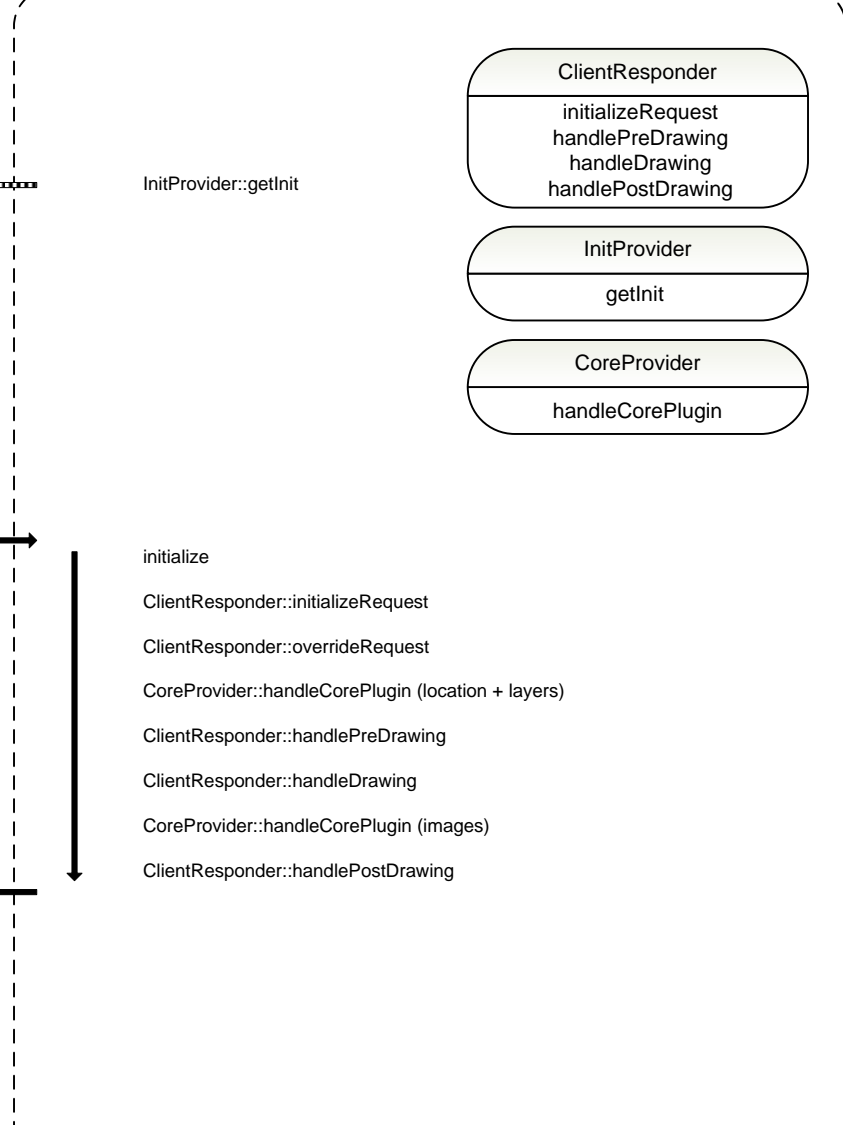
Ajaxable
ajaxHandleAction
ajaxGetPluginResponse

Exportable
adjustExportMapRequest

FilterProvider
filterPostRequest
filterGetRequest

GuiProvider
handleHttpPostRequest
handleHttpGetRequest
renderForm

InitUser
handleInit

ServerCaller
buildRequest
initializeResult
handleResult

Sessionable
loadSession
createSession
saveSession

ToolProvider
handleMainmapTool
handleKeymapTool
getTools

CartoServer

ClientResponder
initializeRequest
handlePreDrawing
handleDrawing
handlePostDrawing

InitProvider
getInit

CoreProvider
handleCorePlugin

Ajax Activation Level (^{n1})

LOAD	PROCESS	SERVER CALL	FULL	
			(^{n3})	preInitialize
			(^{n3})	initialize
			(^{n3})	InitUser::handleInit
			(^{n3})	Ajaxable::ajaxHandleAction (^{n2})
X	X	X	X	Sessionable::loadSession / Sessionable::createSession
	X	X	X	FilterProvider::filterPostRequest / FilterProvider::filterGetRequest
	X	X	X	GuiProvider::handleHttpPostRequest / GuiProvider::handleHttpGetRequest
		X	X	ServerCaller::buildRequest
		X	X	ServerCaller::overrideRequest
		X	X	ServerCaller::initializeResult
		X	X	ServerCaller::handleResult
			(^{n4})	ToolProvider::getTools
			(^{n3})	Ajaxable::ajaxGetPluginResponse (^{n2})
			X	GuiProvider::renderForm
X	X	X	X	Sessionable::saveSession

CartoServer timeline

InitProvider::getInit

initialize
ClientResponder::initializeRequest
ClientResponder::overrideRequest
CoreProvider::handleCorePlugin (location + layers)
ClientResponder::handlePreDrawing
ClientResponder::handleDrawing
CoreProvider::handleCorePlugin (images)
ClientResponder::handlePostDrawing

Note 1:
Only if Ajax is enabled
Ajax possible levels of activation are :
   1 LOAD
   2 PROCESS
   3 SERVER CALL
   4 FULL
Depending on the selected level, some
methods will be enabled or bypassed.

Note 2:
Only if Ajax is enabled

Note 3:
Always enabled

Note 4:
Always bypassed

See client/ClientPlugin.php and client/Cartoclient.php

See server/ServerPlugin.php and sever/Cartoserver.php