AMP Offline

DESKTOP APP USER MANUAL

Last Revised Date

1. About this guide

This guide aims to describe [ho   to do nload and install](#) AMP Offline desktop app [ho   to use](#) it and [troubleshoot issues](#) Main features are described in [Section   ](#)   You can check S stem requirements in [Section   ](#)

2. Desktop application purpose.

Desktop Application provides abilit   to contribute to AMP even if   ou have   eak connection or connection issues are a common thing for   ou The connection is necessar   to do   nload the app and do the first login s nc after that   ou can   ork in offline mode You can do a s nc   ith AMP once   ou have a connection

3. Features

Projects

The main feature of the app is to list projects and make it possible to interact   ith them in offline mode Once the first s nc is done   ou can vie   add edit and validate activities locall

You can add a ne   activit   to the   orkspace if   ou have permission to do that in AMP   using Desktop   Add activit menu item
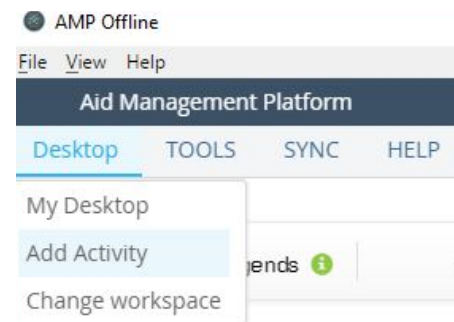
All the fields visible in activit   previe   and activit   form are the same as in AMP If some setting is changed in AMP   then the same setting   ill be available in AMP Offline after s nc

The App provides a desktop page   ith t   o tabs   Activities and Rejected activities Each tab is a basic project list The first tab sho   s all activities e cept rejected copies The second tab sho   s all s nc [rejected activities](#)

From tabs ou can open activit previe   for an activit from the current   orkspace

AMP Offline   —   □   ×

File View Help

Projet Construction de la Route Mongo-Mangalmé Section Mongo Eref ✎

AMP ID **87283379**   Activity Status **Closed**   Activity Budget **No Data**

▶ Identification   Planning   National Plan   Sectors
  Agency Internal IDs   Location   Program   Funding

Identification

Objective
No Data

Description
No Data

Project Management
No Data

Activity Budget
No Data

Agency Internal IDs

[Banque Islamique de Développement]		

Planning

Actual Completion Date	Original Completion Date	Actual Start Date
No Data	31/12/2016	03/12/2011
Proposed Start Date	Actual Approval Date	Proposed Approval Date
28/09/2010	No Data	No Data

Location

Implementation Level	Implementation Location
District	District

Funding Information (USD)

Total Actual Commitments
54 728 296,00

Total Planned Commitments
0,00

Total Actual Disbursements
39 043 027,35

Total Planned Disbursements
12 607 242,61

Additional info

Activity created by
ATL ATL - Espace Equipe PGA

Activity created on
10/06/2014

Activity updated on
12/12/2016

Created in workspace
Espace Equipe PGA - Team

Workspace manager
Moutaye Whoor - Espace Equipe PGA

Computation
Yes

Activit Form can be accessed either from Desktop page b   clicking on Edit icon for desired activit
or from activit   previe

Desktop app multi user abilit

The App allo s logging in   ith different users on the same computer The first login s nc for each
user needs to be done   hen there is an internet connection After   ards the app can be used b
that user   ithout connection S ncs are not user specific and are done for the entire app For
e ample if t   o users have done some changes and then one of the users s ncs the app   it   ill s nc
changes done b   both users

4. System Requirements

AMP Offline application should run   ithin standard s stem requirements of the OS You   ill
e perience a faster application response   ith more po   erful CPU Running multiple apps in parallel
can impact the application performance

RAM

Minimum required for   our OS It is recommended to not run man   apps in parallel to ensure that
there is at least   MB available

CPU

Minimum required for   our OS but a higher CPU   ill provide a better UX Running other apps
especiall   CPU hungr   ma   impact the application performance

OS

[Windo s](#)   [Windo s](#)   [Windo s](#)

MacOS from [El Capitan](#)

Linu   Ubuntu   Linu Mint   CentOS   Scientific Linu   other

ell supported secure Debian or Red Hat compatible maintained operating s stems

HDD

MB

Net orking

Access to AMP portal stable for the initial setup on demand for periodic s nc ups
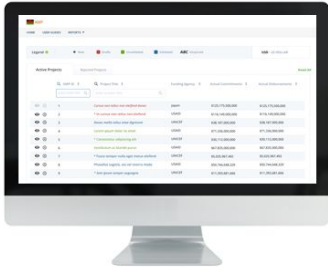
5. Quick start guide

Do   nloading the desktop app

The latest version of the app is available to do   nload from AMP under   Tools   submenu called
AMP Offline   This page is available to all users in all   orkspaces admin user and could even be
configured to be available to public users

Installing the desktop app

First time installation

Once it is downloaded you have to run the installer and accept terms and conditions In the first page of the app you need to setup the linked AMP server The system allows either to choose the server from the given list of available servers or to put desired URL in dedicated field

You can get the server URL from the browser window Only the first part of the URL is needed to configure the server
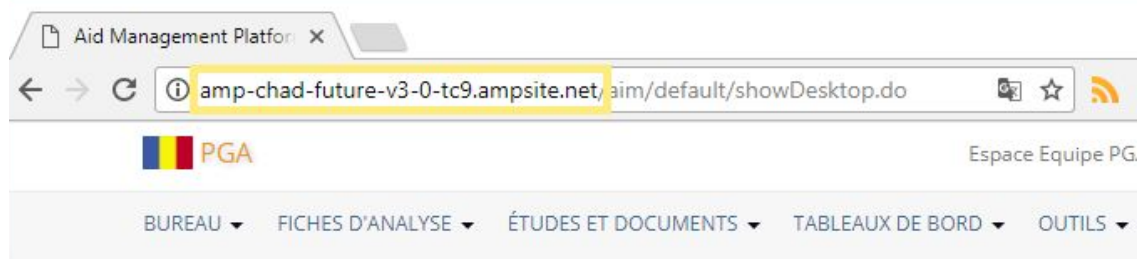
The system allows to change the server URL in case you need to This is done from Settings page Here you can also add alternative URLs for the AMP server All the URLs need to point to the same country The system will pick the first reachable server from the list in case if there are multiple URLs
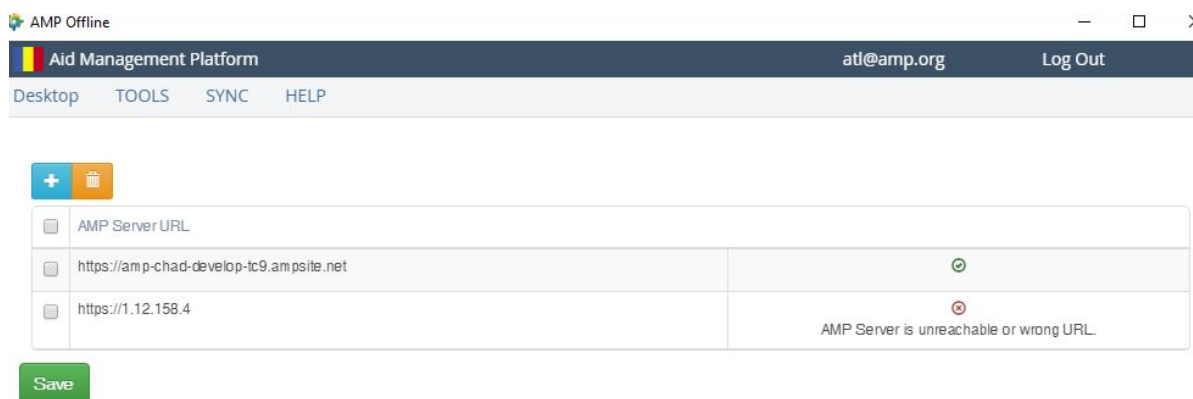
Upgrading he app

Your ill be able to use an older app version as long as it is still compatible ith AMP server Ho ever if s stem recogni es a ne er version of the app it ill prompt it in the login page and suggest to upgrade it The upgrade is done automaticall ou just need to click on Do nload and Upgrade button once it is prompted
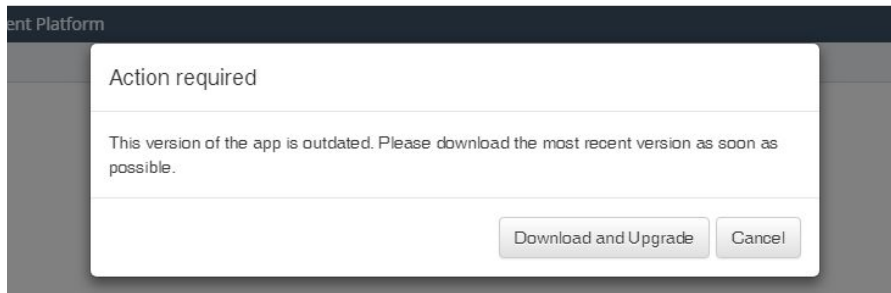
Start using the AMP Offline app

Ge ing s ar ed r nning he app

After installation the app ill open automaticall For forthcoming usage it can be accessed as an other application in our OS

User login

In order to be able to access the desktop and update activities ou need to login in the app ever time ou open it Login page is simple just t o fields for filling in username and pass ord the same as in AMP

S ncing process

S nc is done manuall b the AMP Offline users It requires a connection to AMP server Once logged in ou can see menu item to open S nc page The page provides a button to start a ne s nc and lists details of the last s ncs done on the PC
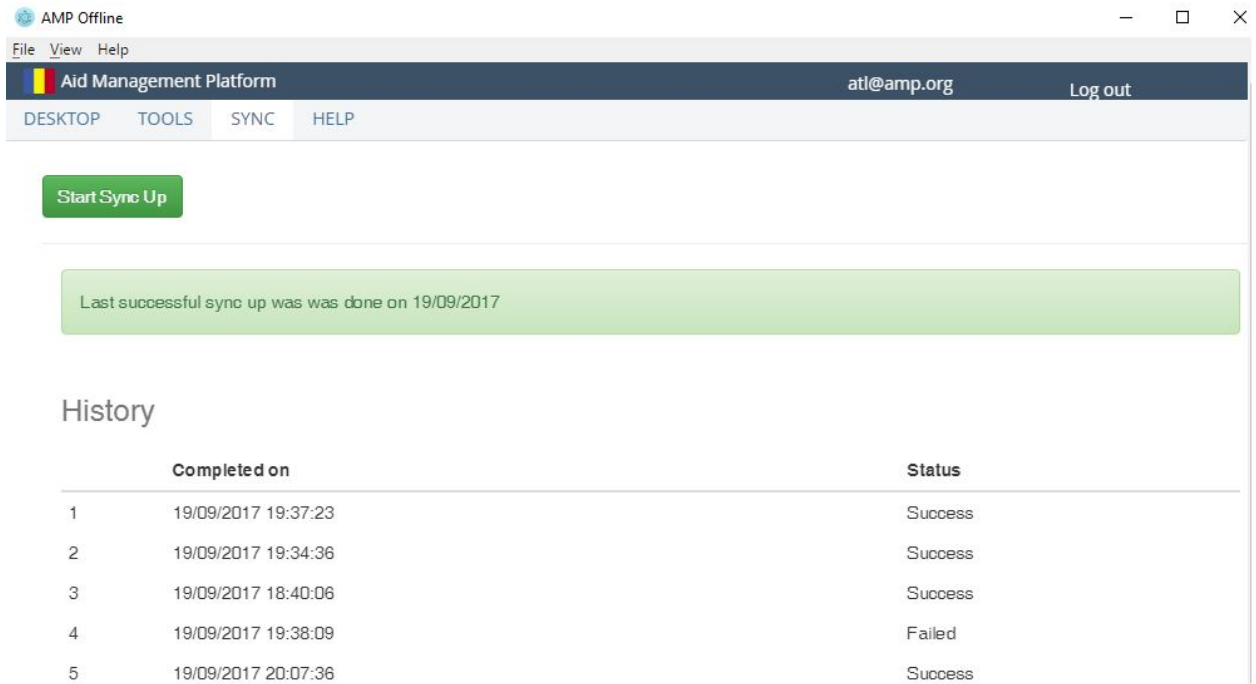
After s nc ou ll be brought to s nc summar page   here ou can see the status of the s nc
 SUCCESS FAIL PARTIAL CANCELED   the date and time of the s nc lists of s nced and failed
activities and an   errors that occurred during the s nc

First s nc is done right after installing the app and logging in It s not possible to navigate to the
app   ithout successful s nc up first so   ou ma   need to run it multiple times if there are
connectivit   problems

First s nc ill take longer some minutes based on Internet connection as it s ncs all the data in AMP online Subsequent incremental s nc ups ill take much less time as the are supposed to check onl differences bet een AMP and AMP Offline

There is a reasonable s timeout per request ith retries that ma make it longer if the connection is bad Don t close the app during the s nc it might corrupt the data

Manual s nc done b one of the logged in users ill do a full s nc of data entered b an user orking on the same machine

It s recommended to do the incremental s nc frequentl to avoid conflicts ith AMP it ma occur in case if the same activit   as edited both in AMP and AMP Offline
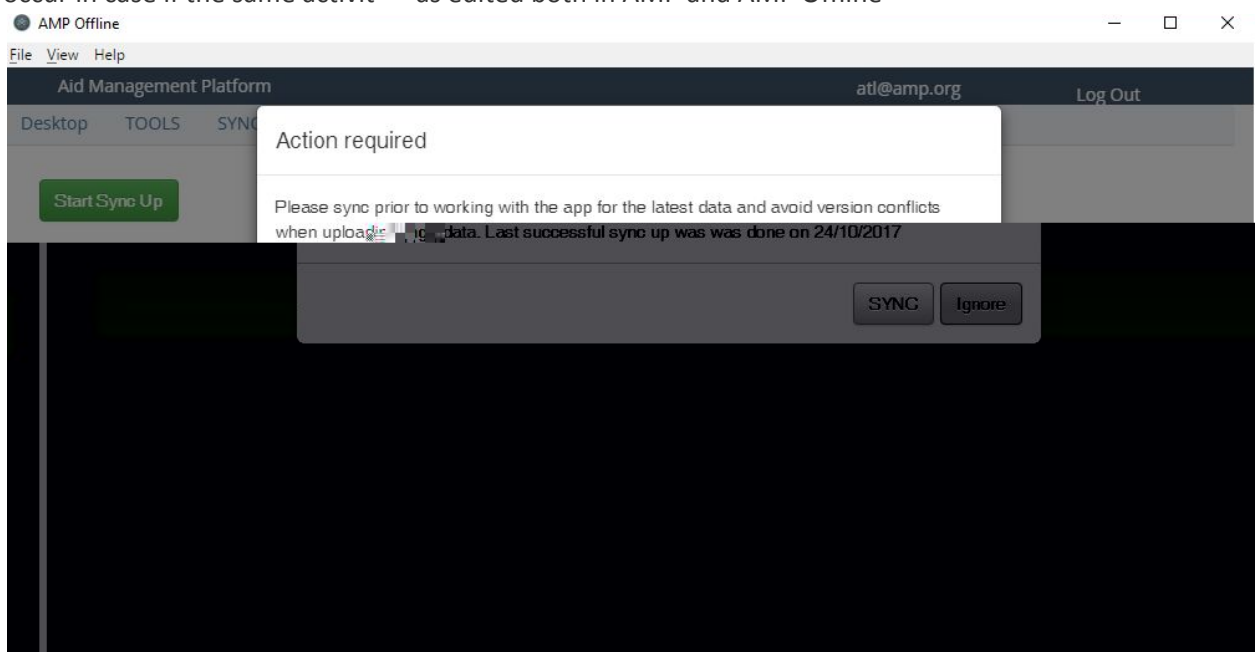
S stem ill remind to do the s nc after each login and hen attempting to logout having uns nced changes S nc ill be forced onl if there as no successful s nc up ithin da s In that case s stem ill prompt and force to do full re s nc
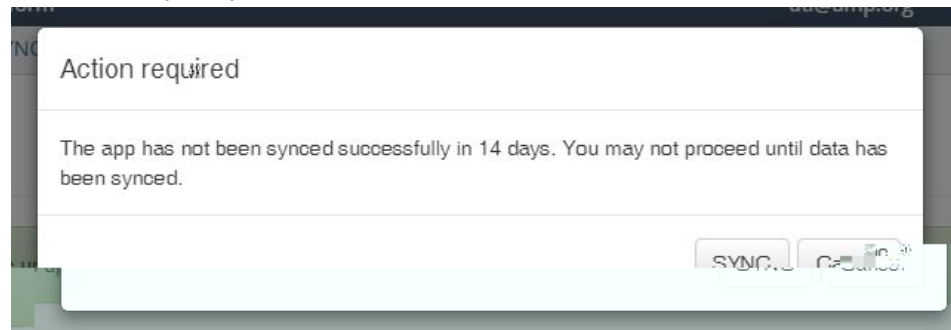
Tro bleshoo ing

5.3.4.1. Power cut during sync

An une pected s nc interruption ma cause data corruption So in order to avoid it it s recommended not to cut the s nc an ho and let it finish itself Ho ever if that happened it s better to res nc If the s nc as mandator and it didn t complete then s stem ill force to s nc before being able to continue an a other ise it ill be possible to continue orking offline of course if s nc sudden stop didn t result in data corruption If data as corrupted then ou ill need to clear app data folder and do a full res nc see [Data Corruption](#) section for more details

5.3.4.2. Internet cut during sync

The situation here is similar to po er cut it s recommended to res nc to get latest data Note that in case of bad connection s stem ill retr times before failing the s nc

5.3.4.3. Sync taking too long and you closed the app

We recommend not to close the app during s nc to prevent [data corruption](#) Remember that in case of bad connection there is a reasonable s timeout per request ith retries hich ma take longer so just let it complete

5.3.4.4. Cannot login (user/pwd error)

The first time login in the app ith a ne user requires a connection so if ou re logging in for the first time make sure ou have a connection

If ou get error Wrong user or pass ord make sure that ou enter correct credentials for this purpose ou can tr to login ith the same username pass ord in AMP online If ou still have problems logging in contact our AMP administrator

5.3.4.5. What to do in case you need to reinstall your computer

To keep all our local changes in the server ou need to s nc the app After successful s nc it s

safe to reinstall   ou   ill not lose local data Once   ou have   our PC reinstalled just do   nload
latest AMP Offline installer and follo   the initial post install process first setup login s nc

5.3.4.6. App data folder location

Application data files are located in the follo   ing directories depending on   our Operating
S stem

Windows:	C Users user AppData Roaming AMP Offline
Linux:	home user config AMP Offline
MacOS:	Users user Librar Application Support AMP Offline

5.3.4.7. How to get logs in case of error?

All the log files are located in logs   subdirector   of app data folder In the log files errors have
code   arnings   Look for the recent problem in the latest file

5.3.4.8. Rejected Activities

All rejected copies of the activities are listed in desktop *Rejec ed Ac i i ies* tab You can onl   vie
rejected activities edits are not permitted

Activities	Rejected Sync					Reset All
	AMP ID ▾▴	Project Title ▾▴	Funding Agency ▾▴	Actual Commitments ▾▴	Actual Disbursements ▾▴	
	enter AMP	enter project title				
👁	872833460	*Strengthening resilience of vulnerable herders in the Sahel_Rejected1*	FAO	66 314 500,00	39 626 230,32	

Showing rows 1 to 1 of 1   10 ▾   1

Activities might be rejected mainl   due to three main reasons

- Activit   version difference in AMP and AMP Offline In this case after s nc AMP Offline
version of the activit   ill be over   ritten b   online version S stem   ill store rejected
version in   our local machine
- Activit   is locked because currentl   it s being edited in AMP In this case local changes
ill be kept but cannot be pushed. If it is saved later in AMP, then on the next sync the
latest from AMP will replace the local and local will be found only in rejected list.
- Validation failed due to FM changes done in AMP In this case S nc result page   ill
mention the failure reason and   ill indicate activit   id so   ou can edit the activit   and
s nc again

5.3.4.9. Data corruption

There is a small probabilit   for the DB to become corrupted because for e ample s nc   as
interrupted due to app being closed during s nc up or a po   er outage and the app ma   not be
able to startup an more In this case   ou   ill get s stem alert like sho n in screenshot Also   ou
can check the logs Data Corruption error in logs looks like this

> "Error: More than 0% of the data file is corrupt, the wrong beforeDeserialization hook may
> be used. Cautiously refusing to start NeDB to prevent dataloss"

S stem alert

```
┌─────────────────────────────────────────────────────────────────────┐
│ AMP Offline                                                       ✕   │
├─────────────────────────────────────────────────────────────────────┤
│                                                                       │
│  An unexpected error occurred. Please collect logs, note your         │
│  actions and contact the administrator.                               │
│                                                                       │
│  Details:                                                             │
│  Error: More than 0% of the data file is corrupt, the wrong           │
│  beforeDeserialization hook may be used.                              │
│  Cautiously refusing to start NeDB to prevent dataloss                │
│                                                                       │
│  {"_message":"Error: More than 0% of the data file is corrupt, the    │
│  wrong beforeDeserialization hook                                     │
│  may be used. Cautiously refusing to start NeDB to prevent            │
│  dataloss","_severity":"NOTIFICATION_SEVERITY_ERROR","_ori...:"NOTIFICATION_ORIGIN_DATABASE"} │
│                                                                       │
├─────────────────────────────────────────────────────────────────────┤
│                                                    ┌──────────┐       │
│                                                    │    OK    │       │
│                                                    └──────────┘       │
└─────────────────────────────────────────────────────────────────────┘
```
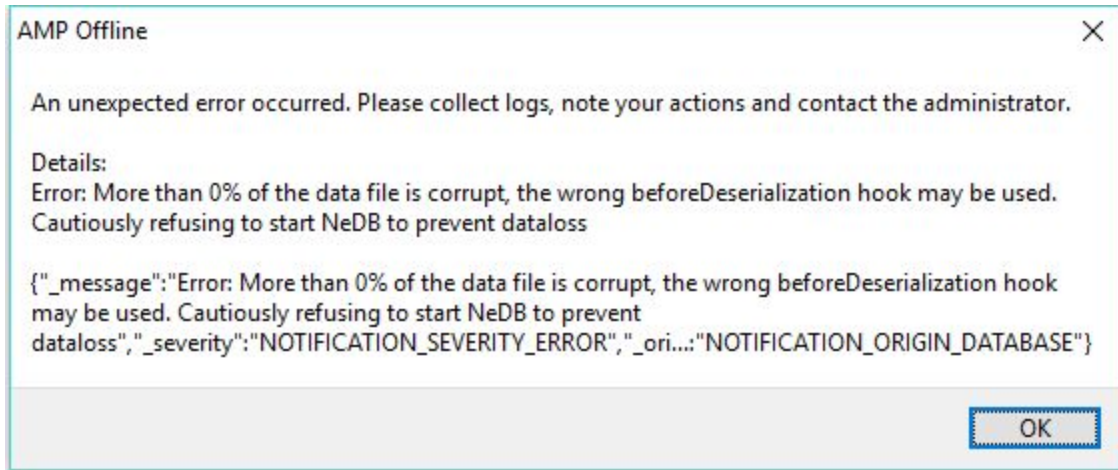
In this case the solution is to delete app data folder start the app in clean state and follo   the initial post install process first setup login s nc

Unins alling he desk op app

The App can be uninstalled the same   a   as an   other application in   our OS B   default application data is preserved and on next install will be back available. However you can completely delete it if you want to install from scratch - just delete the app data folder