

**Project :**            **General**

**Version :**           **0.02**

# **File prospector for NOR FS**

**Reported :**

**Verified :**

**Approved :**

## Revision History

Rev	Date	Author	Description
0.01	October 21, 2008	Owen Lee	Initial version for v1.0.0.0
0.02	January 25, 2010	Joe Su	(1) Make compatible with DWLWin V3.5.6.5 (2) Allow passing sector number of RAI Object through command-line.

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# **1 Document Scope**

## **1.1 Purpose**

File prospector is the debugging tool for extracting the storage information on NOR flash. It outputs all the RAI objects with both active and deleted status. And the NOR file system will also be dumped into PC environment, include file/directory tree and file content.

## **1.2 Abbreviations and Terms**

FMS	Flash Memory Services
RAI	Random Access Interface

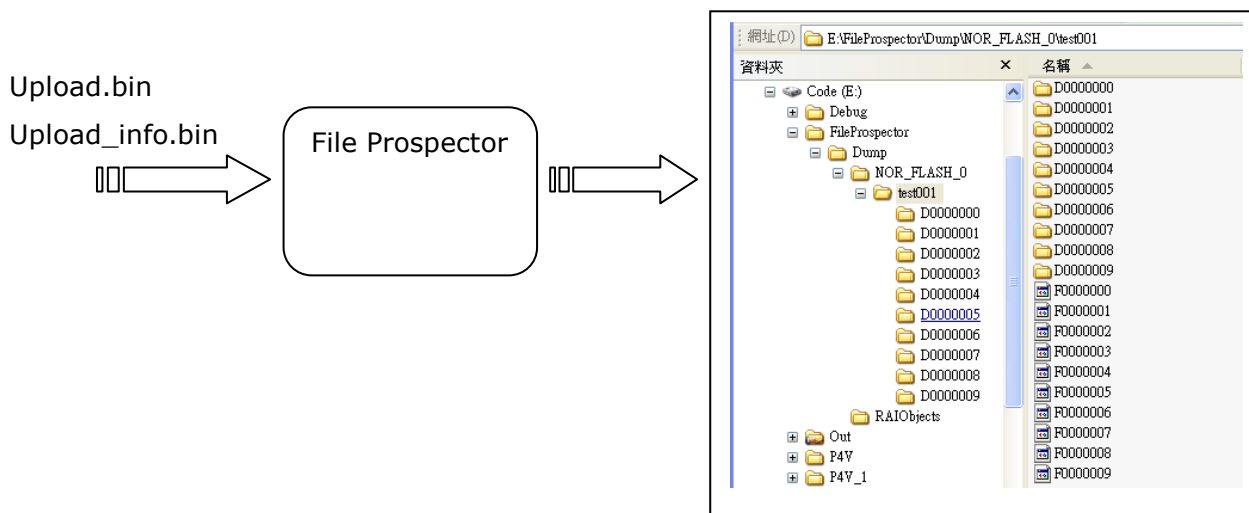
## **1.3 References**

## 2 Overview

This chapter gives the instruction of File prospector usage.

### 2.1 Flow chart

FileProspector.exe is a console application in WIN32 environment. The input is the load on target, read from DWLWin (After version 3.5.6.5). The output will in the relative directory with "Dump" folder name.



### 2.2 Manual

The steps for using File Prospector are in the following:

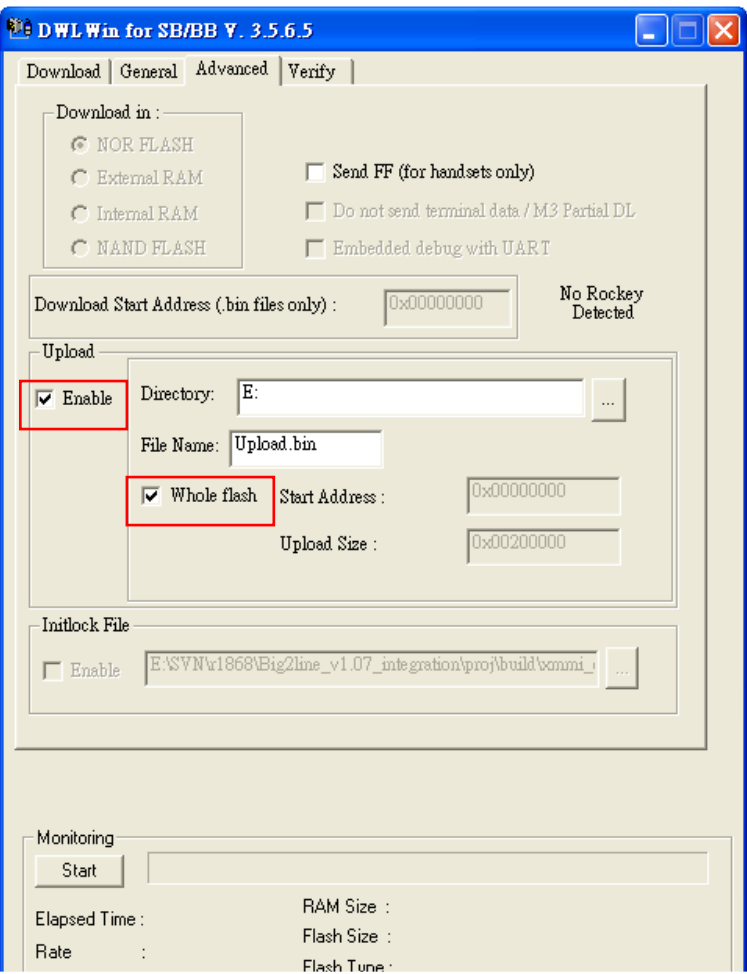
1. Extract binary from target
2. Run FileProspector.exe to dump File tree and RAI information to PC

## 2.2.1 Extract binary from target

The output in this step is

1. Upload.bin: The raw data of the target load.
2. Upload\_info.bin: The geometric information for Upload.bin.

Notice: the version of DWLWin should be newer than 3.5.6.5.



1. Enable "Upload" & "Whole flash" feature
2. Press "Start" button to read the whole flash for analysis

