Background

Atalasoft has an add-on component called "Forms Recognition" and it's important that we first discuss the definition/meaning of "Forms Recognition" in the context of Atalasoft.

Specifically: Our Forms Recognition components are Optical Mark Recognition (OMR) components.

If you're actually looking for a solution to read filled in form fields, you're actually looking for a "Zonal OCR" solution... There's a demo for that type of recognition (which actually does include OMR as one subset of recognition type) called DocumentRegions available here

Here is a list of our OMR (Forms Processing) demos and proofs of concept.

Keep in mind that none of them are meant as examples of "best practices" or production ready code.

They're meant to give programmers who intend to use our OMR engine a bit of insight into how various components of the OMR process work.

OMR Demo

This is a place to start ... you'll want to download the sample template listed below to get started

OMRDemo_11.2.zip

OMR Template Tool

This is a rough utility for showing how to generate a template. It's meant as a Proof of concept to show how to build a template programmatically… it is ~not~ meant to be your sole means of generating templates.

OMRTemplateTool_11.2.zip

OMR Diagnostic Tool

This is NOT feature complete, but lets you examine a template to see where the marks have been defined. You can use it for some template modification, but it's a bit "fiddly". It now

has the ability to recognize marks and provides an excellent "stream of consciousness" logging of the OMR Recognition process in its Recognize Marks tool.

OMRDiagnosticTool_v0.11.0_11.2.zip

Simplified Template with filled out forms

These are not the best form design, but they show the basics of how templates work

omr_sample_template_bigbubbles.zip

Additional Articles / Resources

INFO: OMR Mark Detection Basics

HOWTO: Create an OmrTemplateDocument

Original Article

Q10417 - INFO: Getting Started with Optical Mark Recognition (OMR) / Forms Processing

Last Update

2026-10-21 - TD - (Fixing outdated links)

Atalasoft Knowledge Base
https://www.atalasoft.com/kb2/KB/50081/INFO-Getting-Started-with-Optical-Ma...