

IB-ARM Standard Project Approach

IB-ARM projects follow a standard project approach:

1. Configuration

- a. **Code extraction/collection:** IB provides code “collection” instructions on how to extract production source code from its source (version control system, mainframe library, server directory, database catalog, job scheduler, etc.). A client resource is required to set up and run the extraction scripts and FTP the results to the ARM server. Approximately 2-4 days of effort depending on the size of the application portfolio and how well the production source is organized.
- b. **Information Architecture (IA):** every install is based on an information architecture created for the scope in hand. It is essentially the meta-model for the repository and is based on the technologies/languages involved. It also incorporates all custom needs and requirements (there is less focus on this for POC-s). The starting point for the IA is a series of boilerplate meta-models consistent with the technology mix which then gets modified based on client specifics. IA is completed in a 2-3 hour session, attended by application experts from the client.
- c. **IB-ARM Configuration:** every install requires IB to configure a site profile specific to the client’s applications. This profile containing the specific language parsers to be used, site appearance and other options available to create the IB-ARM site. Configuration takes 2-4 weeks depending on whether new parsers or significant customizations are required.
- d. **Acceptance Testing:** Once the tool is configured and the source code is processed, an acceptance test site is published on an IB-hosted server. Client resources then perform acceptance testing to ensure that everything works fine and according to expectations. This typically takes 1-2 weeks elapsed time with 2-3 people.

2. Installation and Training

- a. **Installation:** once the IB-ARM site is accepted, it is installed by an IB technician onto the server provided by the client. The installation can be performed in person or remotely.
- b. **Training:** after installation, training is provided on the Analyst Workbench to ensure client staff understand how to use and get benefit from the IB-ARM tool.

3. Administration

- a. **Administrator Training:** after installation, training is provided on the Administrator Workbench to the client staff designated as ARM administrators. The training focuses on how to refresh the content of the IB-ARM site when the client applications are updated.
- b. **Ongoing code extraction/collection:** for each refresh, the source code must be extracted by the client staff. Ideally, the extract is automated and scheduled so it is a one-time effort to create the extraction scripts and schedules.
- c. **Ongoing administration:** in the standard, client-hosted installation, the administration is performed by client staff.