Target Integration Service

Introduction

At Rapita we are committed to ensuring you achieve the best possible results from using the Rapita Verification Suite (RVS). A high-quality integration will improve the efficiency of your future analyses using RVS tools.

This is why we offer a *Target Integration Service* for customers who have purchased RVS. When we provide the service, our engineers work with you to integrate RVS into your development environment (Figure 1). We offer the service for integration with any customer platform, including multi-core systems.

Benefits

By using our *Target Integration Service*, you can expect

- A robust, qualifiable integration of RVS to work with your embedded target.

- Expert guidance from a skilled Field Application Engineer (FAE) by telephone, email and face-to-face.

- Detailed documentation describing how this integration works with your development environment and how to use it, including tests to demonstrate that the integration works as expected

- Dedicated support both during the process and afterwards.

Using this service reduces the time and effort you need to integrate RVS tools into your development environment so you can focus on the development of your product.

We also provide you with comprehensive reporting and support materials that guide your engineers in using the integration to run RVS, saving you valuable resources.

Delivery process

Our *Target Integration Service* process is broken down into two phases:

1. Preparation and integration.

2. Deliverables and support.

Phase 1: Preparation and integration

In this phase one of our FAEs investigates your needs by telephone and then visits your site to conduct the integration:

- We call you to discuss your target system, including compilers, OS, processors, application and build system.

- Our FAE visits you and uses the information gathered previously to carry out a complete integration or the integration of a sub-system on-site.
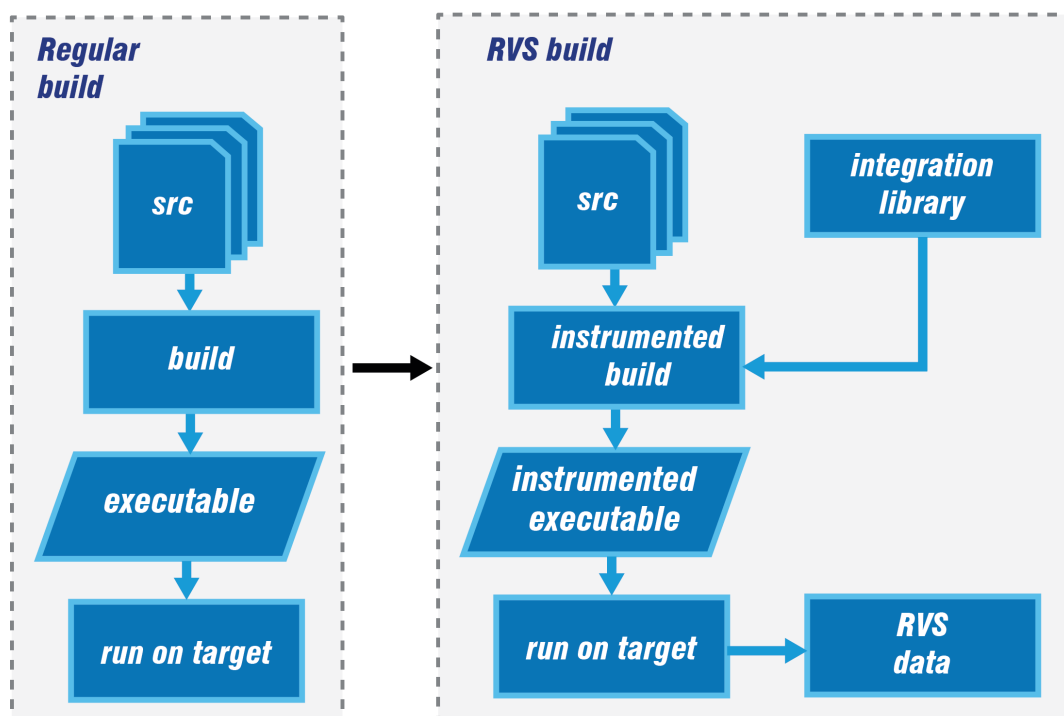

Figure 1: Integrating RVS into a development environment

Phase 2: Deliverables and support

In the second phase our FAE provides you with documentation, configures your system to generate reports and begins our support relationship with you:

- Deliverables – documentation describing how the integration works with your development environment, source code, instrumentation libraries and build scripts.

- Support package – in this final step we give you guidance by email or telephone to ensure you get the maximum possible benefit from the integration. We consider this to be just the beginning of our relationship – we offer continuous support to answer any questions you may have about the integration.

Qualified Target Integration Service

When you qualify an RVS tool for use in your project, you need to provide evidence showing how the integration works and demonstrating that its outputs are valid.

If we have integrated RVS into your development environment, we can support your tool qualification process by providing our *Qualified Target Integration Service*. See our *Tool Qualification Product Briefs* for more information.