



**RosettaNet Implementation
Framework
Technical Advisory A**

Issue 01.00.00

27 September, 2001

Status

This Technical Advisory applies to all versions of the RosettaNet Implementation Framework (RNIF), including 1.1, 2.0 and future versions. Its present status is *Issue*, indicating that it has been published by RosettaNet Engineering as an official, binding specification.

Until such time as the problem addressed herein is resolved through the inclusion of a PIP[®] Version Identifier in each PIP[®] specification, this Advisory will continue to be updated with the values to be used for new PIPs[®].

Issue

A RosettaNet PIP[®] name and version can be found in several places: on the RosettaNet web site, in the specification document, and in the filenames of the PIP[®] package and its contents. The representation of the version identifier to be used in the RNIF Service Header has not been clarified in the past, and the various sources of this information may be inconsistent.

Furthermore, there is no distinction made between the version of a PIP[®] *implementation*, and the version of a PIP[®] package or specification *document* that describes it. As a result, it is often unclear how to arrive at appropriate values to be used to populate the various RNIF `VersionIdentifier` elements. (A survey of several independent implementations revealed as many different choices for these values, for the same PIP[®] version.)

It is crucial that, to guarantee interoperability of different solutions, the same value be used to identify equivalent versions of a specification being implemented; and an identification scheme that is consistent between RNIF versions is preferred.

Decision

Until such time as PIP[®] specifications contain an explicit "PIP Version Identifier", the table that follows must be consulted to determine the precise character string (from the "Version Identifier" column) with which to populate the RNIF 1.1 element

`//ServiceHeader/ProcessControl/ProcessIdentity/VersionIdentifier`

and the RNIF 2.0 element

`//ServiceHeader/ProcessControl/PIPVersion/VersionIdentifier`

In addition, unless a PIP[®] specification indicates that its actions are versioned independently of the process itself, the same Version Identifier shall be used in the RNIF 1.1 element

`//ServiceHeader/ProcessControl/TransactionControl/ActionControl/ActionIdentity/VersionIdentifier`

Rationale

The document versioning scheme currently in practice makes use of a five-element version identifier, of the form:

Status MM.mm.ppV

Status denotes the document or specification's progress along the development path, which may be Draft, Release, or Validated, and is often abbreviated as D, R, or V. (The Beta, or B, status is being phased out, and Issue, or I, is used only for documents that do not follow the validation path.) The status indicator is significant when referring to an instance of a specification.

MM and *mm* identify the major and minor revision levels, respectively; a change in either occurs when an implementation change is required.

pp identifies the patch level of a document. An increment in the patch level reflects editorial changes to a document that do not affect implementation, and thus are not significant in determining interoperability of solutions. For this reason, files that are explicitly referenced by an implementation (DTDs, for example) do not contain patch digits, and neither should any Version Identifier that is used to test for compatibility.

V is a letter that is used to indicate a validation increment. It appears only on Release-status specifications (formerly on Beta specifications) which are undergoing the validation process. This letter is significant, as changes indicate that implementation changes are necessary.

When version identifiers appear in filenames, the periods are replaced by underscores, and *Status* is abbreviated to its initial letter.

Note that the versioning scheme described above is subject to modification as deemed necessary or appropriate by RosettaNet Engineering, and that no reliance should be made on this or any other specific identifier format. It is provided for explanatory purposes only, and is not a prescriptive specification.

Compliance

There will necessarily exist a period of approximately 90 days, between the issue date of this Advisory and the mandatory identifier standardization date, during which there may be multiple ways of referring to the same PIP[®] version. RosettaNet seeks to minimize service disruption and confusion that may be caused by this situation, by allowing implementers to continue using previously negotiated values during this period, while at the same time migrating to the standardized set of identifiers, for cases in which they are different.

As of **1 January, 2002**, implementations must use only the Version Identifiers shown in the table below or in PIP[®] specifications that explicitly provide them.

During the transition period, implementers are required to support the use of any *de facto* or partner-negotiated identifiers that are already in production, as well as the specific values shown here, if different, and provide a seamless migration to the published identifiers. This will facilitate an orderly transition, minimizing disruption of production environments, while finally arriving at a set of universally recognized identifiers.

Version Identifier Table

PIP®	Specification Package Name	Version Shown in Specification Document Title	Version Identifier
0A1	0A1NotificationOfFailure.zip	Release 1.0	1.0
0A1	0A1_NotificationofFailure_V02_00_00.zip	Validated 02.00.00	V02.00
1A1	1A1_RequestAccountSetup.zip	Beta 01.00.00A	B01.00A
1A2	1A2_MaintainAccount.zip	Beta 01.00.00A	B01.00A
1A2	1A2_MaintainAccount.zip	Beta 01.00.00B	B01.00B
1B1	1B1ManageProductInformationSubscription.zip	Release 1.0	1.0
2A1	2A1DistributeNewProductInfo.zip	Release 1.0	1.0
2A2	2A2QueryProductInformation.zip	Release 1.0	1.0
2A3	2A3_QueryMarketingInfo.zip	Beta 01.00.00A	B01.00A
2A4	2A4_QuerySalesPromo_Rebate.zip	Beta 01.00.00A	B01.00A
2A5	2A5QueryTechnicalInfo.zip	Release 1.0	1.0
2A6	2A6_QueryProductLifecycle.zip	Beta 01.00.00A	B01.00A
2A7	2A7_QueryProductDiscontinue.zip	Beta 01.00.00A	B01.00A
2A8	2A8DistributeProductStockKeepingUnit.zip	Release 1.0	1.0
2A8	2A8DistributeProductStockKeepingUnit.zip	Release 1.1	1.1
2A9	2A9_QueryECTechnicalInformationB01_00_0A.zip	Draft 01.00.03	B01.00A
2A9	2a9vB010000B-030601.zip	Beta 01.00.00B	B01.00B
2A9	2A9_QueryECTechnicalInformation_V01_00_00.zip	Validated 01.00.00	V01.00
2A9	2A9_QueryTechnicalProductInformation_R01_01_00.zip	Release 01.01.00	R01.01
2A9	2A9_QueryTechnicalProductInformation_V01_01_00.zip	Validated 01.01.00	V01.01
2A12	2A12_DistributeProductMaster_R01_00_00.zip	Release 01.00.00	R01.00
2B1	2B1_ChangeBasicProductInfo.zip	Beta 01.00.00A	B01.00A
2B1	2B1_ChangeBasicProductInformation_B01_00_00B.zip	Beta 01.00.00B	B01.00B
2B2	2B2_ChangeMarketingInfo.zip	Beta 01.00.00A	B01.00A
2B3	2B3_ChangeSalesPromotionandRebateInformation_B01_00_00A.zip	Beta 01.00.00A	B01.00A
2B4	2B4_ChangeProductTechnicalInformation_B01_00_00A.zip	Beta 01.00.00A	B01.00A
2B5	2B5_ChangeProductLifecycle.zip	Beta 01.00.00A	B01.00A
2C1	2C1_DistributeEngineeringChangeStatus_R01_00_00.zip	Release 01.00.00	R01.00
2C2	2C2_RequestEngineeringChange_R01_00_00.zip	Release 01.00.00	R01.00
2C3	2C3_DistributeEngineeringChangeResponse_R01_00_00.zip	Release 01.00.00	R01.00
2C4	2C4_RequestEngineeringChangeApproval_R01_00_00.zip	Release 01.00.00	R01.00
2C5	2C5_NotifyofEngineeringChangeOrder_R01_00_00.zip	Release 01.00.00	R01.00
2C6	2C6_NotifyofEngineeringChangeImplementationPlan_R01_00_00.zip	Release 01.00.00	R01.00
3A1	3A1_RequestQuote.zip	Beta 01.00.00A	B01.00A
3A1	3A1_RequestQuote.zip	Beta 01.00.00B	B01.00B
3A1	3A1_RequestQuote_R02_00_00.zip	Release 02.00.00	R02.00
3A2	3A2QueryPandA.zip	Release 1.1	1.1
3A2	3A2QueryPriceandAvailabilit.zip	Release 1.2	1.2
3A2	3A2QueryPriceAndAvailability.zip	Release 1.3	1.3
3A2	3A2_RequestPriceandAvailability_R02_00_00A.zip	Release 02.00.00A	R02.00A
3A3	3A3TransferShoppingCart.zip	Release 1.0	1.0
3A3	3A3TransferShoppingCart.zip	Release 1.1	1.1
3A3	3A3_RequestShoppingCartTransfer_R02_00_00.zip	Release 02.00.00	R02.00
3A4	3A4ManagePurchaseOrder.zip	Release 1.0	1.0
3A4	3A4ManagePurchaseOrder.zip	Release 1.1	1.1
3A4	3A4ManagePurchaseOrder.zip	Release 1.2	1.2
3A4	3A4ManagePurchaseOrder.zip	Release 1.3	1.3
3A4	3A4ManagePurchaseOrder.zip	Release 1.4	1.4
3A4	3A4_RequestPurchaseOrder_R02_00_00.zip	Release 02.00.00	R02.00
3A5	3A5QueryOrderStatusv1_0.zip	Release 1.0	1.0
3A5	3A5QueryOrderStatusv1_1.zip	Release 1.1	1.1
3A5	3A5_QueryOrderStatus_R02_00_00.zip	Release 02.00.00	R02.00
3A6	3A6DistributeOrderStatus.zip	Release 1.0	1.0
3A6	3A6DistributeOrderStatus.zip	Release 1.1	1.1
3A6	3A6_DistributeOrderStatus_R02_00_00.zip	Release 02.00.00	R02.00
3A7	3A7NotifyofPOAcceptance.zip	Release 1.1	1.1
3A7	3A7NotifyofPurchaseOrderAcc.zip	Release 1.2	1.2
3A7	3A7_NotifyofPurchaseOrderAcceptance.zip	Release 1.3	1.3
3A7	3A7_NotifyofPurchaseOrderAcknowledgment_R02_00_00.zip	Release 02.00.00	R02.00

PIP®	Specification Package Name	Version Shown in Specification Document Title	Version Identifier
3A7	3A7_NotifyofPurchaseOrderUpdate_R02_01_00B.zip	Release 02.01.00B	R02.01B
3A8	3A8_RequestPurchaseOrderChange_R01_00_00.zip	Release 01.00.00	R01.00
3A8	3A8_RequestPurchaseOrderChange_R01_01_00B.zip	Release 01.01.00B	R01.01B
3A9	3A9_RequestPurchaseOrderCancellation_R01_00_00.zip	Release 01.00.00	R01.00
3A9	3A9_RequestPurchaseOrderCancellation_R01_01_00B.zip	Release 01.01.00B	R01.01B
3A10	3A10_NotifyofQuoteAcknowledgment_R01_00_00.zip	Release 01.00.00	R01.00
3B1	3B1_DistributeTransportationProjection_R01_00_00.zip	Release 01.00.00	R01.00
3B2	3B2_NotifyofAdvanceShipment_R01_00_00.zip	Release 01.00.00	R01.00
3B2	3B2_NotifyofAdvanceShipment_V01_00_00.zip	Validated 01.00.00	V01.00
3B2	3B2_NotifyofAdvanceShipment_R01_01_00.zip	Release 01.01.00	R01.01
3B3	3B3_DistributeShipmentStatus_R01_00_00.zip	Release 01.00.00	R01.00
3B4	3B4_QueryShipmentStatus_R01_00_00.zip	Release 01.00.00	R01.00
3B5	3B5_RequestShipmentChange_R01_00_00.zip	Release 01.00.00	R01.00
3B6	3B6_NotifyOfShippersManifest_R01_00_00.zip	Release 01.00.00	R01.00
3C2	3C2_RequestFinancingApproval_R01_00_00.zip	Release 01.00.00	R01.00
3C3	3C3_NotifyofInvoice_R01_00_00.zip	Release 01.00.00	R01.00
3C4	3C4_NotifyofInvoiceReject_R01_00_00.zip	Release 01.00.00	R01.00
3C5	3C5_NotifyofBillingStatement_R01_00_00.zip	Release 01.00.00	R01.00
3C6	3C6_NotifyofRemittanceAdvice_R01_00_00.zip	Release 01.00.00	R01.00
3D8	3D8_DistributeWorkInProgress_R01_00_00.zip	Release 01.00.00	R01.00
3D8	3D8_DistributeWorkInProgress_V01_00_00.ZIP	Validated 01.00.00	V01.00
3D9	3D9_QueryWorkInProgress_R01_00_00.zip	Release 01.00.00	R01.00
3D9	3D9_QueryWorkInProgress_V01_00_00.ZIP	Validated 01.00.00	V01.00
4A1	4A1_NotifyofStrategicForecast_R01_00_00A.zip	Release 01.00.00A	R01.00A
4A2	4A2_NotifyofEmbeddedReleaseForecast_R01_00_00A.zip	Release 01.00.00A	R01.00A
4A3	4A3_NotifyofThresholdReleaseForecast_R01_00_00A.zip	Release 01.00.00A	R01.00A
4A4	4A4_NotifyofForecast_V01_00_00.zip	Validated 01.00.00	V01.00
4A4	4A4_NotifyofPlanningReleaseForecast_R02_00_00A.zip	Release 02.00.00A	R02.00A
4A5	4A5_NotifyofForecastReply_R01_00_00A.zip	Release 01.00.00A	R01.00A
4B2	4B2_1_0_ShipmentReceiptNotification.ZIP	Release 1.0	1.0
4C1	4C1_DistributeInventoryReport_R01_00_00.zip	Release 01.00.00	R01.00
4C1	4C1_DistributeInventoryReport_R02_00_00.zip	Release 02.00.00	R02.00
5C1	5C1_D01_00_01_DistributePro.zip	Draft 01.00.01	D01.00
5C1	5C1_DistributeProductList.zip	Beta 01.00.00A	B01.00A
5C1	5C1_DistributeProductList_B01_00_00B.zip	Beta 01.00.00B	B01.00B
5C1	5C1_DistributeProductListC.zip	Beta 01.00.00C	B01.00C
5C1	5C1_DistributeProductList_B01_00_00D.zip	Beta 01.00.00D	B01.00D
5C1	5C1_DistributeProductList_B01_00_00E.zip	Beta 01.00.00E	B01.00E
5C1	5C1_DistributeProductList_V01_00_00.zip	Validated 01.00.00	V01.00
5C2	5C2_D01_00_01_RequestDesign.zip	Draft 01.00.01	D01.00
5C2	5C2_RequestDesignRegistration.zip	Beta 01.00.00A	B01.00A
5C2	5C2_RequestDesignRegistration.zip	Beta 01.00.00B	B01.00B
5C2	5C2_RequestDesignRegistraC.zip	Beta 01.00.00C	B01.00C
5C2	5C2_RequestDesignRegistration_B01_00_00D.zip	Beta 01.00.00D	B01.00D
5C2	5C2_RequestDesignRegistration_B01_00_00G.zip	Beta 01.00.00G	B01.00G
5C3	5C3_D01_00_01_RequestDesign.zip	Draft 01.00.01	D01.00
5C3	5C3_RequestDesignWin.zip	Beta 01.00.00A	B01.00A
5C3	5C3_CreateDesignWin_B01_00_00C.zip	Beta 01.00.00C	B01.00C
5C4	5C4_D01_00_01_DistributeReg.zip	Draft 01.00.01	D01.00
5C4	5C4_DistributeRegistrationStatus.zip	Beta 01.00.00A	B01.00A
5C4	5C4_DistributeRegistStatusC.zip	Beta 01.00.00C	B01.00C
5C4	5C4_DistributeRegistrationStatus_B01_00_00D.zip	Beta 01.00.00D	B01.00D
5C4	5C4_DistributeRegistrationStatus_B01_00_00F.zip	Beta 01.00.00F	B01.00F
5C5	5C5_D01_00_01_QueryRegistra.zip	Draft 01.00.01	D01.00
5C5	5C5_QueryRegistrationStatus.zip	Beta 01.00.00A	B01.00A
5C5	5C5_QueryRegistratStatusC.zip	Beta 01.00.00C	B01.00C
5C5	5C5_QueryRegistrationStatus_B01_00_00D.zip	Beta 01.00.00D	B01.00D
5D1	5D1_RequestShipFromStockAndDebitAuthorization_R01_00_00.zip	Release 01.00.00	R01.00
5D2	5D2_NotifyofBlanketShipFromStockAndDebitAuthorization_R01_00_00.zip	Release 01.00.00	R01.00