

# OASIS TECHNICAL COMMITTEE

## FORMAT OF AUTOMOTIVE REPAIR INFORMATION

Technical Committee Meeting  
14<sup>th</sup> March 2003

These slides were updated during the meeting and provide a summary record of the items discussed

### Voting Organisations

- Voting organisations represented at the meeting are shown with  - not present are shown with
- ACEA
- JAMA
- CECRA
- CLEDIPA
- FIA
- Cognitran
- Ford
- Eurotax
- VW
- BMW
- RAC
- AIRC
- CLEPA
- EGEA
- Autodata
- Honda
- Toyota

## Information Distribution

- OASIS Autorepair template
  - Helps identify and track documents
  - Identifies documents as input to the project
  - Does not imply that the information is an 'official OASIS document'.
- Role of CSW Programme Managers
  - CSW will help people who want to distribute information to the project
    - Assign tracking numbers, put information into the template
  - CSW do not edit or censor information distributed to the project

## Autorepair Requirements Specification (SC1-D2)

- Was adopted as a deliverable by SC1 sub-committee
- Is being used as a working document to drive SC2-D5
- Comments will be recorded in a new document

## SC1 – Next Steps

- SC1-D3 Acceptance Criteria
  - Input SC2-006 List of Metrics
  - Change the name of the deliverable?
  - Driven through a working group
    - Will report back to main SC1
- Use cases
  - New work on implementation scenarios, including commercial options

## SC2 Sub-Committee

- SC2-D2 Design principles
- SC2-D3 Architecture approaches
  - Were adopted as deliverables by the SC2 sub-committee on 9<sup>th</sup> January
- Created SC2-015 Overview of framework for SC2-D5
- Started work on SC2-D5
  - This is the Technical Specification that will form the main deliverable from the TC

## SC2 Working Group - Output

- Smaller working group has met each week since Feb 3<sup>rd</sup> by telecon
- SC2-015 Overview of framework for SC2-D5
- Minutes from each meeting
- Draft 0.2 of SC2-D5 Architecture and Specifications
- Input of multilingual lexicon from Ford

## Objective

- The objective of the Technical Committee, as stated in its Charter, is:  
    “To develop a standard format to enable access to emission-related repair, diagnostic and technical information with respect to the vehicles covered by the scope of Directive 70/220/EEC, i.e. passenger cars and light commercial vehicles”
- The purpose of this deliverable is to specify the standard format referred to in the Charter.

## Usage – Actors

- The architecture specified here assumes that there are three types of 'actor' involved:
  1. Information Producers
    - Are the original creators of emissions-related repair information. They are the manufacturers themselves.
  2. Information Consumers
    - Any aftermarket organisation that requires access to emissions-related repair information and any person entitled to see it
  3. Information Providers
    - Any party which takes original emissions-related repair information from Information Producers and delivers it on to Consumers, perhaps adding some value along the way (eg by putting all information into a common format).

## Use Cases

- There are two main ways in which it is envisaged that the meta data described in this could be used:

### Use Case One:

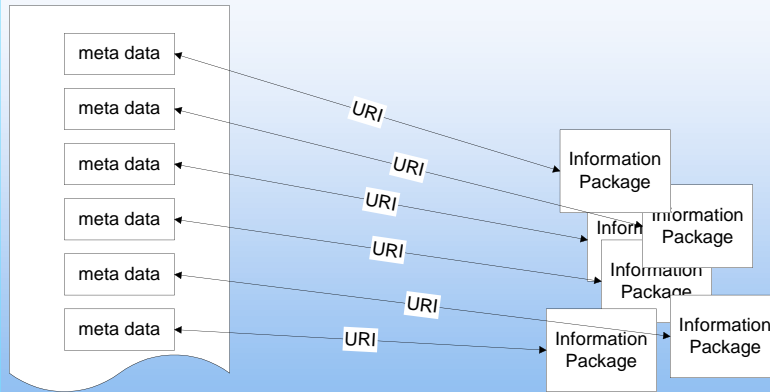
To describe the information sought by Information Consumers in order to make a repair. This includes information about the vehicle given its VIN.

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### Use Case Two:

- To describe information packages made available by Information Producers and Provider.

## Meta Data



## Meta Data in RDF

```
<rdf:Description rdf:about="www.bmw.de/USP-EU-SBS">
  <core:textFormat>HTML</core:textFormat>
  <core:graphicFormat>PNG</core:graphicFormat>
  <vid:vehicle rdf:parseType="Resource">
    <vid:model>E46</vid:model>
    <vid:modelYear>2000</vid:modelYear>
  </vid:vehicle>
</rdf:Description>
```

The package relates to vehicles in the E46 model range for the model year 2000.

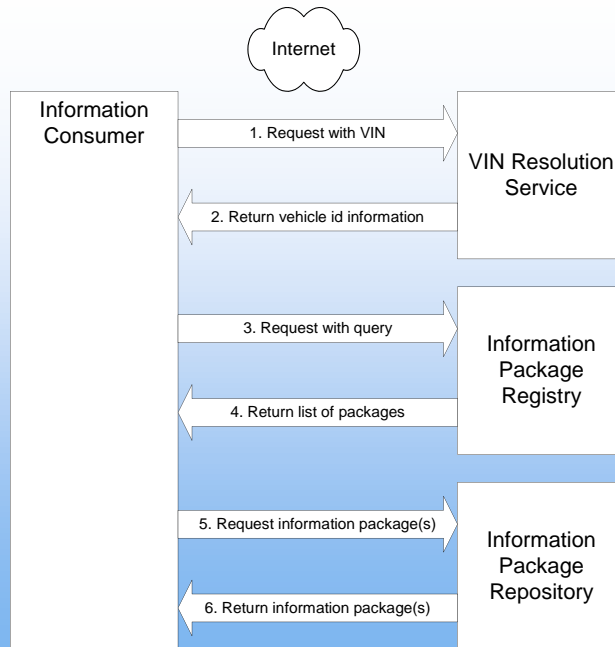
## Conformance Levels

Level	Description
1	Meta data that could reasonably be expected to be generated automatically by most information producers.
2	Meta data considered necessary by information consumers to request information on emissions related repairs.
3	Additional meta data that would be considered important by producers, consumers or providers to improve the quality or timeliness of repairs and enhance the usefulness of an Information Package Registry service.
4	All other meta data – this category of meta data could be considered ‘nice to have’.

## Vehicle and Package Identification

- 1. VIN Resolution Service
  - Returns meta data about a vehicle, given its VIN
- 2. Information Package Registry
  - Returns meta data about information packages, given a description of the type of information being sought
- 3. Information Package Repository
  - Returns identified information packages, subject to necessary payment and access permissions

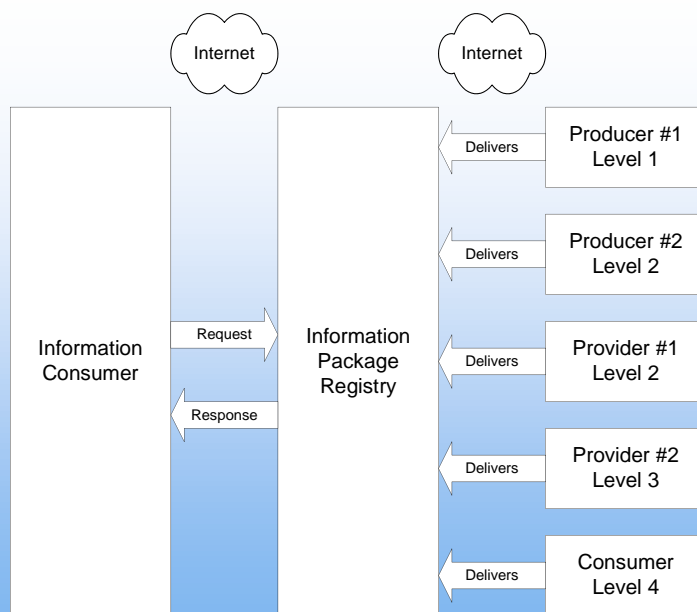
**OASIS Technical Committee**  
Format of Automotive Repair Information



Technical Committee Meeting 14<sup>th</sup> March 2003

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## Concepts behind SC2-D5

- Framework based on RDF
- Services
  - VIN resolution
  - Package registry
  - Package repository
- Features
  - Conformance levels
  - Collections of packages
  - Combining meta data from multiple sources

## SC2 Next Steps

- SC2-D5
  - Further development of namespaces
  - Refinement of framework
  - Demonstration implementation
- Workshops with manufacturers
  - Review SC2-D5 technical specification
  - Review existing systems
  - Study feasibility of implementation at different conformance levels
  - Verify cost estimates

## SC3

- Next steps
  - Consideration of lexicon donated to the project from Ford

## Actions

- Distribute documents from this meeting
- Publish summary of work programme for the rest of the project
- Form SC1 working group
- Continue SC2 conference calls/work

## Next Meetings

- SC2 Working Group
  - Teleconference each Monday
- SC1 Working Group
  - Teleconference
- SC1/SC2, SC3?
  - Thursday 24<sup>th</sup> April
- Technical Committee
  - Friday 25<sup>th</sup> April
  - Wednesday 28<sup>th</sup> May