



Test ·  
Verification



State model  
× Plant model



Quality-  
Productivity

East Hall 5  
Entrance / Exit



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# CATS Booth : 東35-001

Info



Solution



Automotive



Differential  
development



Android



Quality-  
Productivity

- |  |  |
|--|--|
| <p><b>① State transition matrix design for quality guarantee</b></p>         | <p>It introduces CASE tool ZIPC generates C code from models based on EHSTM for losing [morenuka] of the specification in the state transition matrix.</p>   |
| <p><b>② Making your software true assets</b></p>                             | <p>It is annoyed by a large amount of code in the presence though the goodness of the model base development is felt strongly. It introduces service that supports the shift from the code to a model who reuse and is high to such many people.</p>   |
| <p><b>③ ZIPC Zero Start Campaign</b></p>                                     | <p>It introduces the solution that achieves "make the project visible" with low cost.</p> <ul style="list-style-type: none"> <li>·Existing assets are reused effectively</li> <li>·Easy setup</li> <li>·Easy customizing</li> </ul> <p>Moreover, collaborative with the team development environment with Microsoft begins!<br/>Partner exhibition</p> |
| <p><b>④ Project visualization</b></p>  | <p>We introduce the method and the tool which improves quality expected in the embedded industry, of the controller model that is designed by state transition matrix</p>  |
| <p><b>⑤ Toshiba System Technology Corporation</b></p>                        | <p>Recently, the environment performance is expected really high. We introduce the development environment for the collaborative design and verification of controller and software.</p> <p>Partner exhibition<br/>Maple/MapleSim</p>  |
| <p><b>⑥ Design Tool For Android with innovative UI</b></p>                   | <p>The embedded software/system requires high quality. We introduce design environment of Android. The reformative interface putting software parts/components to STM makes you surprised for sure!</p>  |
| <p><b>⑦ Differential development with state transition matrix design</b></p> | <p>Recently, the variation of product become larger. Due to this, differential development become very significant. This exhibition introduces the solution for differential development with the EHSTM.</p>   |
| <p><b>⑧ Difference development of structural design</b></p>                  | <p>The difference development is very effective for AUTOSAR development which designed by the combination of software parts. This exhibition introduces new functions of ZIPC AUTOSAR which are the extraction and merging functions.</p>  |
| <p><b>⑨ Education support of the future generation engineers</b></p>         | <p>We support the engineers of next generation that acquires model based design and verification method.</p>   |
| <p><b>⑩ Task configuration optimizer for multi core processor</b></p>        | <p>In the system development of multi-core environment, the estimation of performance is very significant. We show each tasks are allocated in the core visually.</p>  |
| <p><b>⑪ Quality improvement of the controller model</b></p>                  | <p>We introduce the method and the tool which improves quality expected in the embedded industry, of the controller model that is designed by state transition matrix</p>  |
| <p><b>⑫ Development environment for eco-design</b></p>                       | <p>Partner exhibition<br/>Maple/MapleSim</p>   |
| <p><b>⑬ CYBERNET</b></p>   | <p>We introduce and show demo of the test case generator, "Perfect Pass" which is funded by Monozukuri Supporting Program of the government (The government promotes the research of middle sized companies). Also, Perfect Pass collaborate with ZIPC V10 is exhibited as the reference.</p>  |
| <p><b>⑭ Support for model based test environment</b></p>                     | <p>In the embedded products, the time constraint must be clearly defined in the specification. We introduce the tool which gives good solution for this time restrictions.</p>   |
| <p><b>⑮ The model based verification with time</b></p>                       | <p>HMI verification usually takes a large amount of man-hours. We introduce the technique and the tool which generates the test case of the HMI from state transition.</p>   |
| <p><b>⑯ Automated verification environment of embedded HMI</b></p>           | <p></p>  |

ZIPC

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