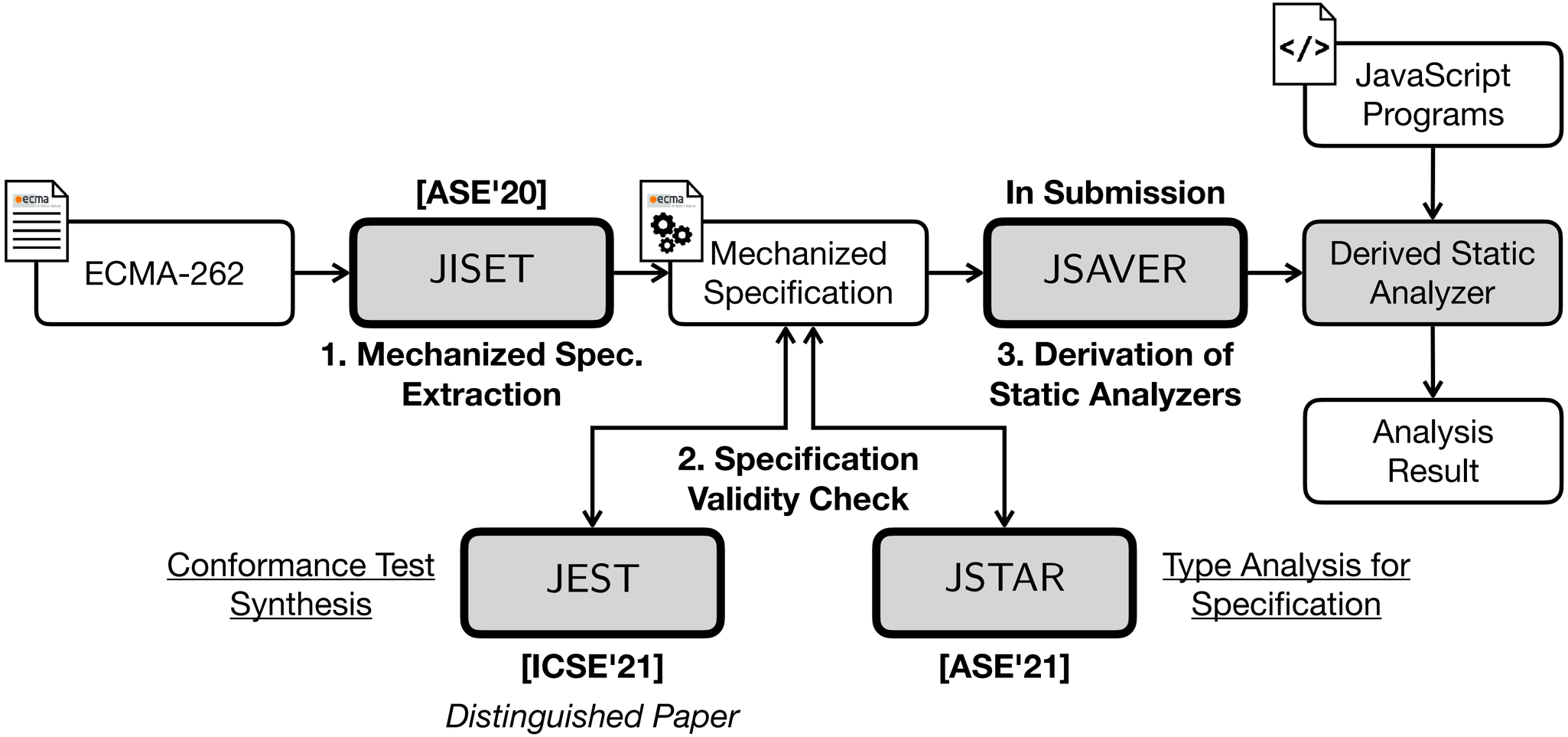
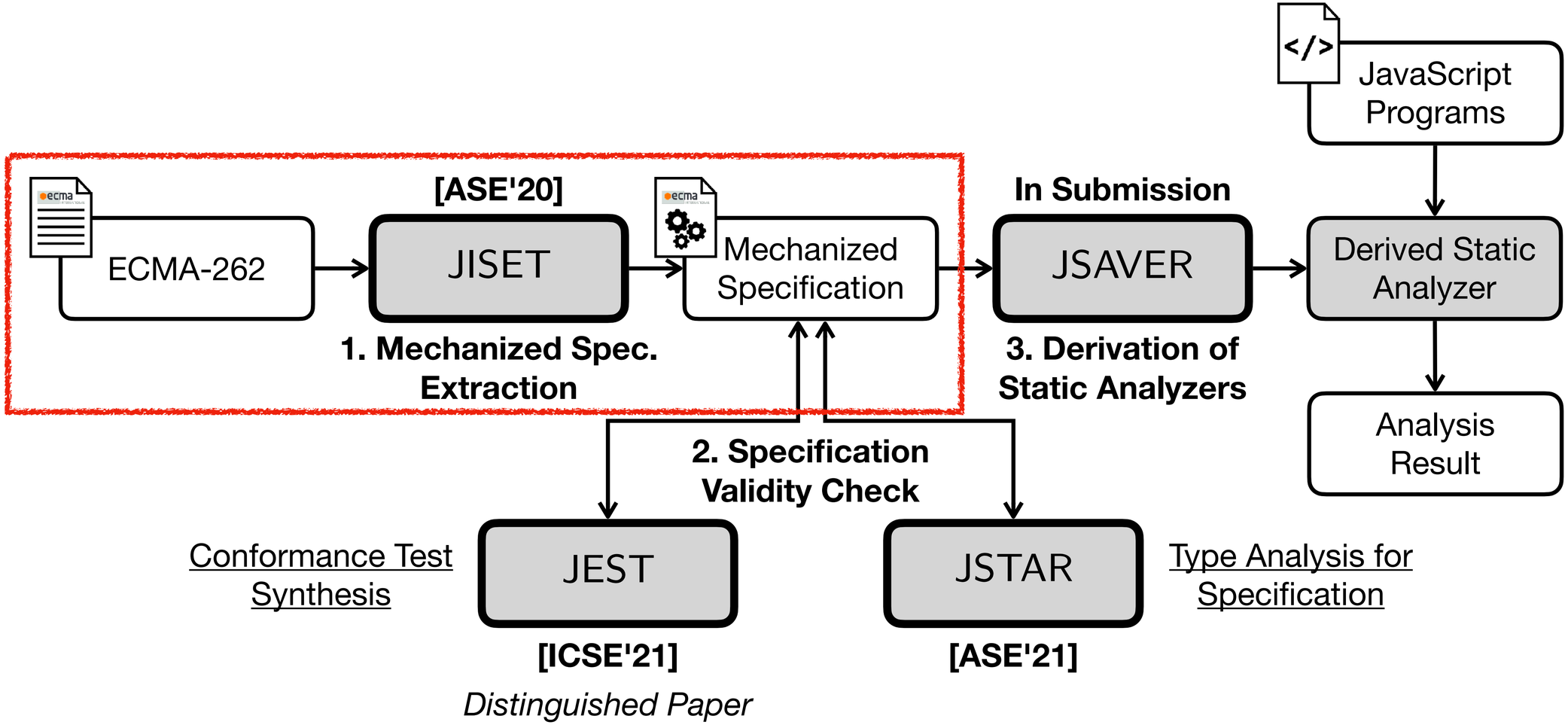

JavaScript Programs
ECMA-262
[ASE'20]
JISET
Mechanized Specification
In Submission
JSAVER
Derived Static Analyzer
1. Mechanized Spec. Extraction
3. Derivation of Static Analyzers
Analysis Result
2. Specification Validity Check
Conformance Test Synthesis
JEST
JSTAR
Type Analysis for Specification
[ICSE'21]
[ASE'21]
Distinguished Paper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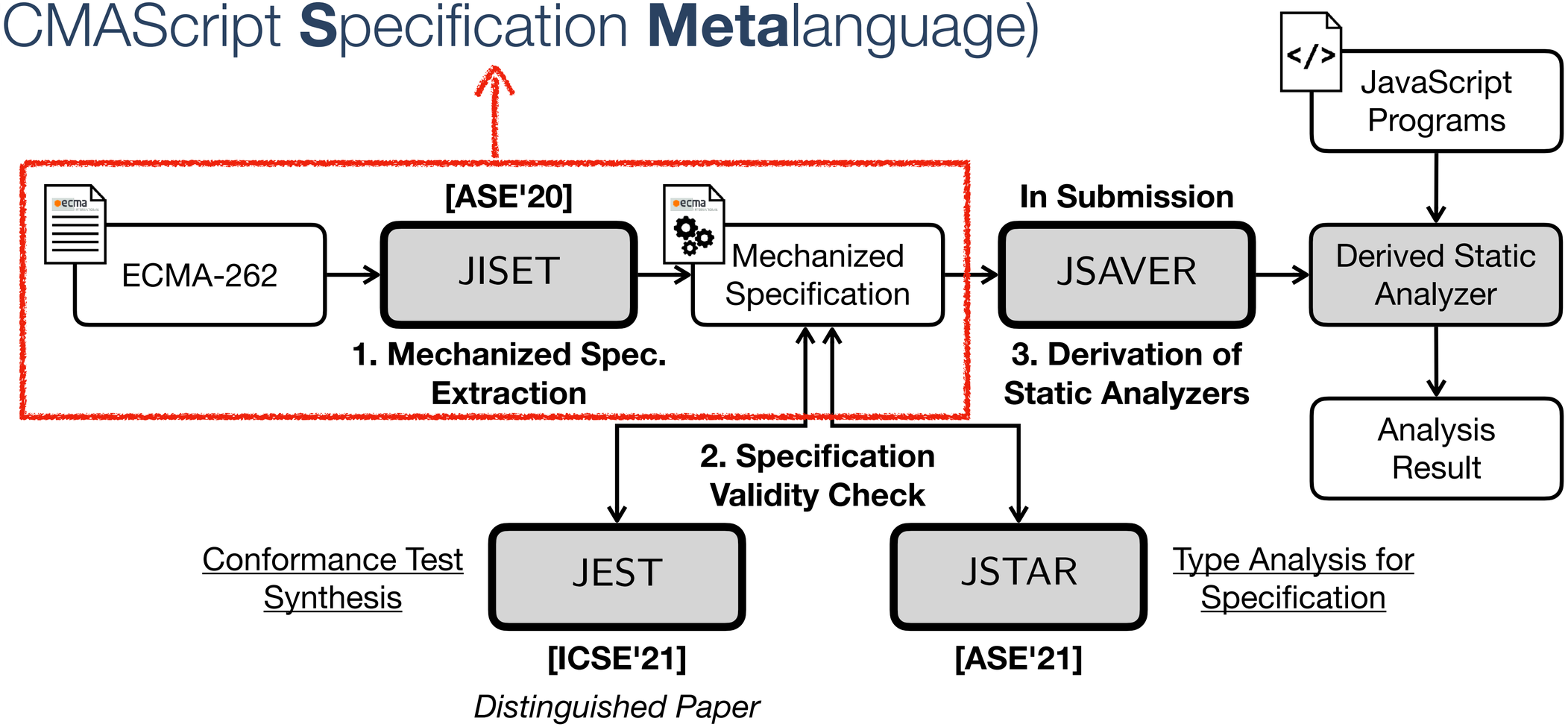
ESMeta

(**E**CMAScript **S**pecification **Meta**language)



ESMeta

(**E**CMAScript **S**pecification **Meta**language)

	JISET	ESMeta
Extraction Time	10~15 sec.	5 sec.
Metalangauge	Low-Level	High-Level
Direction	Spec. -> Mech. Spec.	Spec. <-> Mec. Spec.
Features	-	Double Debugger