Synthesizing Statecharts from Live Sequence Charts Hillel Kugler Weizmann Institute of Science Joint work with David Harel and Amir Pnueli Omega Meeting, Paris, 3-5 March 2004









element	mandatory	provisional
chart	universal ∀ all system runs satisfy chart	existential ∃ at least one run satisfies chart

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chart	universal V	existential 3
	all system runs satisfy chart	at least one run satisfies chart
location in chart	hot run of instance <mark>must</mark> progress beyond location	cold run of instance need not progress beyond location
message	hot if message is sent it <mark>must</mark> be received	cold receipt of message is not guaranteed
condition	hot condition <mark>must</mark> be met otherwise <mark>abort</mark>	cold if condition not met exit current (sub) chart
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